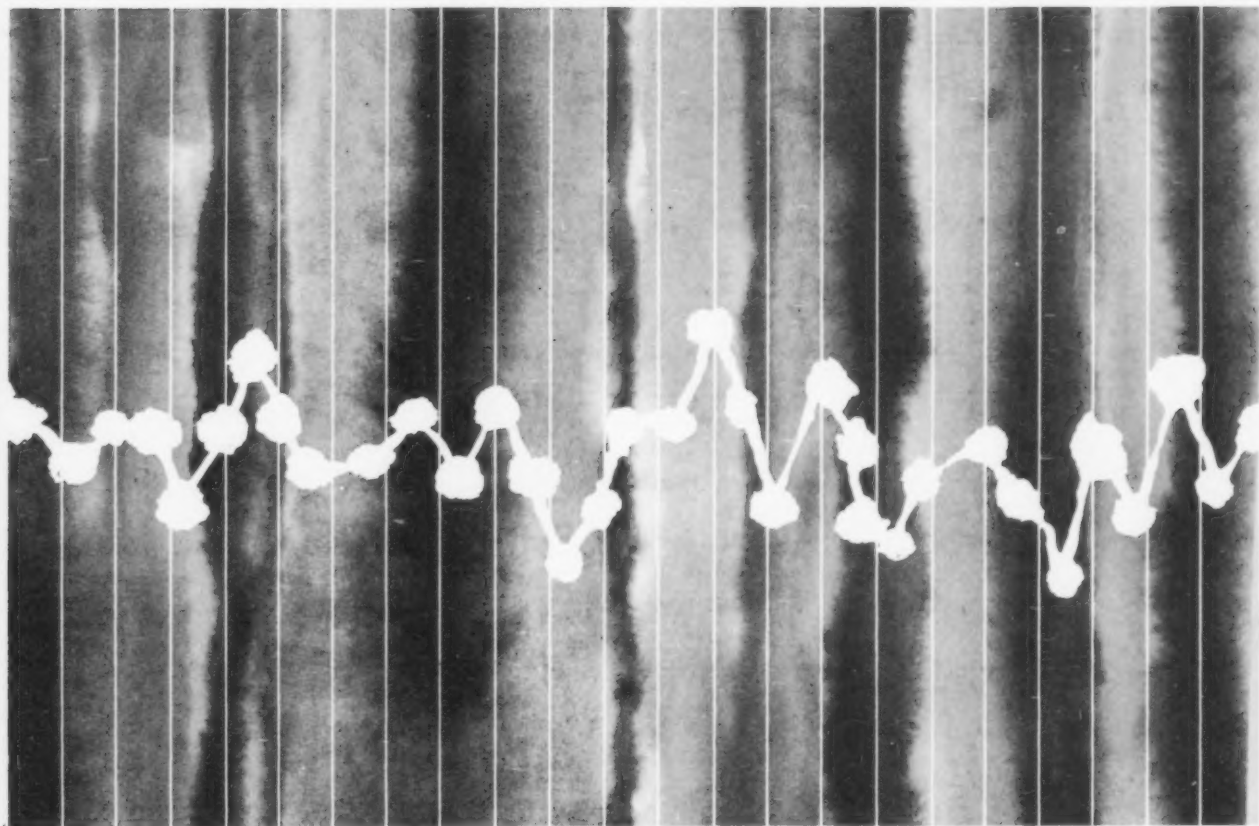


# defense indicators

MAY 1975



U.S. DEPARTMENT OF COMMERCE • Social and Economic Statistics Administration • BUREAU OF ECONOMIC ANALYSIS



## **U. S. DEPARTMENT OF COMMERCE** **Rogers C. B. Morton, Secretary**

James L. Pate, Assistant Secretary  
for Economic Affairs

### **Social and Economic Statistics Administration** **Edward D. Failor, Administrator**

#### **BUREAU OF ECONOMIC ANALYSIS**

George Jazi, Director  
Morris R. Goldman, Deputy Director  
Beatrice N. Vaccara, Associate Director for  
National Analysis and Projections

Feliks Tamm, Editor

This report was prepared in the Statistical Indicators Division, Bureau of Economic Analysis. Technical staff and their responsibilities for the publication are—

Barry A. Beckman—Technical supervision and review,

Morton Somer—Selection of seasonal adjustment methods,

Betty F. Tunstall—Collection and compilation of basic data.

The cooperation of various government agencies which provide data is gratefully acknowledged.

---

Subscription price is \$17.90 a year (\$4.50 additional for foreign mailing). Single issues are \$1.50.

Airmail delivery is available at an additional charge. For information about domestic or foreign airmail delivery, write to the Superintendent of Documents (address below) enclosing a copy of your address label. Make checks payable to the Superintendent of Documents. Send to U.S. Government Printing Office, Washington, D.C. 20402.

---

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1975.

This publication is prepared under the general guidance of an interagency committee established by the Office of Management and Budget. This committee consists of the following persons:

**David T. Hulett**, Chairman  
Office of Management and Budget

**James D. August**, Board of Governors of the Federal Reserve System.

**Murray F. Foss**, Council of Economic Advisers, Executive Office of the President

**Rose Glubin**, Office of Assistant Secretary of Defense (Comptroller), Department of Defense

**Dale W. Gordon**, Bureau of the Census, Department of Commerce

**Ronald Kutscher**, Bureau of Labor Statistics, Department of Labor

**Charles Waite**, Bureau of Economic Analysis, Department of Commerce

---

# defense indicators

May 1975

Series ES4 No. 75-5

	Page
Introduction . . . . .	1
Table A. Summary of Recent Data and Current Percent Changes for Principal Defense Indicators . . . . .	4
Chart 1. Gross National Product and National Defense Purchases . . . . .	5
Chart 2. Advance Indicators of Defense Activity . . . . .	6
Chart 3. Intermediate and Final Indicators of Defense Activity . . . . .	9
Chart 4. Defense-Related Balance of Payments Components.	13
Table 1. Gross National Product and National Defense Purchases . . . . .	14
Table 2. Advance Indicators of Defense Activity . . . . .	15
Table 3. Intermediate and Final Indicators of Defense Activity . . . . .	22
Table 4. Defense-Related Balance of Payments Components.	27
Appendix A: Seasonal Adjustment Factors . . . . .	28
Appendix B: Average Changes and Related Measures of Variability (See March 1975 issue)	
Appendix C: Historical Data . . . . .	29
Appendix D: Data Sources and Series Descriptions ( <i>See Alphabetical Index—Series Finding Guide</i> )	
Alphabetical Index—Series Finding Guide . . . . .	Back Cover

## 6 SESA PROJECTS for economic analysis

**BUSINESS CONDITIONS DIGEST** A monthly report for analyzing economic fluctuations over a short span of years.

This report brings together approximately 600 economic time series in a form convenient for analysts whether their approach to the study of current business conditions and prospects is the national income model, the leading indicators, anticipations and intentions, or a combination of these. Other types of data such as foreign trade, Federal Government activities, and international series are included to facilitate a more complete analysis.

Data are presented in charts and tables. Appendixes provide historical data, series descriptions, seasonal adjustment factors, and measures of variability. A computer tape containing data for most of the series is available for purchase.

**DEFENSE INDICATORS** A monthly report for analyzing the current and prospective impact of defense activity on the national economy.

This report brings together the principal time series on defense activities which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. The approximately 60 time series included are grouped in accordance with the time at which the activities they measure occur in the defense order-production-delivery process. Charts and analytical tables facilitate interpretation.

**LONG TERM ECONOMIC GROWTH** A report for the study of economic trends over a long span of years, 1860-1970.

This report has been developed from available statistics to provide a comprehensive, long-range view of the U.S. economy. It is a basic research document for economists, historians, investors, teachers, and students. It brings together under one cover, in meaningful and convenient form, the complete statistical basis for a study of long-term economic trends. A computer tape file of the time series included in the report is available for purchase.

**COMPUTER PROGRAMS FOR TIME SERIES ANALYSIS** The source statements for FORTRAN IV programs used by SESA in its analysis of time series are available on a single computer tape.

**SEASONAL ADJUSTMENT PROGRAMS.**—Two variants of the Census computer program for measuring and analyzing seasonal, trading-day, cyclical, and irregular fluctuations. They are particularly useful in analyzing economic fluctuations which take place within a year. The X-11 variant is used for adjusting monthly data and the X-11Q for quarterly data. These programs make additive as well as multiplicative adjustments and compute many summary and analytical measures.

**DIFFUSION INDEX PROGRAM.**—A computer program for computing diffusion indexes, cumulated diffusion indexes, and summary measures of the properties of each index.

**SURVEY OF CURRENT BUSINESS** A monthly report for analyzing current economic developments.

This report provides a useful combination of current data for more than 2,500 statistical series and significant articles analyzing economic developments. These data and analyses include such areas as the national income and product accounts, the balance of payments accounts, plant and equipment expenditures, regional personal income, and the input-output accounts.

**BUSINESS STATISTICS** A biennial reference volume containing statistical series reported currently in the *Survey of Current Business*.

This report provides historical data back to 1947 for nearly 2,500 time series. The series are accompanied by concise descriptions as to their composition, methods of compilation, comparability, revisions, and availability. Also listed are the names and addresses of organizations which provide the basic data for the series.



## Introduction

The purpose of this monthly report is to bring together the principal time series on defense activity which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. Most are monthly but a few quarterly series are included. The series numbers used are for identification purposes only and do not reflect relationships or order.

### Classification of Series

Chart 1 compares Government purchases of goods and services for national defense with total gross national product. GNP is the market value of the final output of goods and services produced by the Nation's economy and represents a very broad measure of aggregate economic activity. In addition to national defense purchases, it includes Federal Government purchases of goods and services for nondefense purposes, State and local government purchases, personal consumption expenditures, gross private domestic investment, and net exports of goods and services. Chart 1 also presents national defense purchases as a percent of gross national product and, for both series, changes from the previous quarter.

A related group of series is shown in Chart 4, "Defense-Related Balance of Payments Components." These series show the effects of defense-related economic activity on the balance of payments accounts.

The remaining series are grouped in accordance with the time at which the activities they measure occur within the defense order-production-delivery process. Those series measuring activities that usually precede production, such as new orders placed with defense products industries and contract awards, are presented in Chart 2, "Advance Indicators of Defense Activity." Chart 3, "Intermediate and Final Indicators of Defense Activity," presents series that measure activities which tend to move at the same time as production (such as employment) and activities which usually follow production (such as shipments).

### Series Included

Following is a list of the series as they appear in charts 1, 2, 3, and 4 (the source agencies are abbreviated in parentheses; detailed lists of sources for charts 1, 2, and 3 appeared as appendixes to the August and October 1968 issues of this report).

#### Gross National Product and National Defense Purchases

- Gross national product (BEA)
- Federal Government purchases of goods and services, national defense (BEA)
- National defense purchases as a percent of gross national product (BEA)
- Gross national product, changes from previous quarter (BEA)
- National defense purchases, changes from previous quarter (BEA)

#### Advance Indicators of Defense Activity

- Defense Department gross obligations incurred, total (DOD)
- Defense Department gross obligations incurred, procurement (DOD)
- Gross obligations incurred outside the Government for national defense (Treasury)

- Defense Department military prime contract awards for work performed in the United States (DOD)
- Defense Department gross unpaid obligations outstanding (DOD)
- Manufacturers' new orders (Census):
  - Defense products industries
  - Defense products
- Manufacturers' new orders from the U.S. Government, aerospace industries (Census):
- Average weekly overtime hours, production workers, defense products industries (BLS)
- Accessions, defense products industries (BLS)
- Layoffs, defense products industries (BLS)

#### Intermediate and Final Indicators of Defense Activity

- Manufacturers' inventories (Census):
  - Defense products industries
  - Defense products
- Manufacturers' unfilled orders (Census):
  - Defense products industries
  - Defense products
- Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census)
- Defense Department progress payments outstanding (DOD)
- Employment in defense products industries, total (BLS)
- Employment in defense products industries, production workers (BLS)
- Index of aggregate weekly man-hours, defense products industries (BLS)
- Index of aggregate weekly payrolls, production workers, defense products industries (BLS)
- Defense Department manpower, military (DOD)
- Defense Department manpower, civilian (DOD)
- Defense Department net outlays, total, military functions and military assistance (DOD)
- Defense Department net outlays, procurement (DOD)
- Budget outlays for the national defense function (Treasury)
- Defense Department personnel compensation (DOD)
- Manufacturers' shipments (Census):
  - Defense products industries
  - Defense products
- Manufacturers' shipments to the U.S. Government, aerospace industries (Census):
- Ratio, manufacturers' unfilled orders to shipments (Census):
  - Defense products industries
  - Defense products
- Ratio, manufacturers' inventories to shipments (Census):
  - Defense products industries
  - Defense products

#### Defense-Related Balance of Payments Components

- Transfers under U.S. military agency sales contracts—exports (BEA)
- Direct defense expenditures—imports (BEA)
- U.S. Government cash receipts associated with military sales contracts (BEA)

Some additional data are included in the tables though not presented in the charts. These include Defense Department military prime contract awards by procurement category (e.g., for aircraft, missiles and space systems, ships, weapons, and ammunition), the operations component of Defense Department

gross obligations incurred, gross unpaid obligations outstanding, and net outlays and the procurement component of gross unpaid obligations outstanding.

### Description of Basic Data

The Department of Defense compiles statistics on obligations, contract awards, personnel compensation, and outlays. The DOD obligations and outlays data are based on the Defense Department's monthly *Status of Funds* report which is developed from accounting data and is designed to provide information on the total status of Defense Department financing. Accounts included in this report are aggregated by appropriation categories including personnel costs, operations and maintenance, procurement, research and development, and construction. The *Status of Funds* report duplicates some obligations. That is, obligations of one government unit to another unit are not netted out.

The Defense Department's *Contract Awards* report covers the awarding of procurement contracts. These include obligations for operating and maintenance supplies, equipment and services, research and development, and construction in addition to the obligations for items that constitute the fiscal "procurement" category. The statistics are aggregated by commodity categories including aircraft, missile and space systems, ships, weapons, ammunition, electronics and communication equipment, fuels, and textiles and clothing. The *Contract Awards* report includes procurement for NASA, other nondefense agencies, and the Foreign Military Sales Program which are not included in the *Status of Funds* report.

The Census quarterly new orders, unfilled orders and shipments series for "aerospace industries" are based on reports of companies classified into the following industry categories:

Industry	SIC Code
Aircraft and parts .....	372
Guided missiles and space vehicles, completely assembled ..	1925

The Census and BLS data for "defense products industries" presented in this report cover companies and establishments<sup>1</sup> classified into the following industry categories in accordance with the *Standard Industrial Classification Manual*, 1967 edition, Executive Office of the President, Bureau of the Budget:

Industry	SIC Code
Ordnance and accessories .....	19
Communication equipment .....	366
Aircraft and parts .....	372

Establishments reporting to the BLS are classified into industries on the basis of their principal product or activity as determined from information on annual sales volume, which is collected each year on a supplement to the monthly report. The entire employment of an establishment making more than one product or engaging in more than one activity is included under the industry accounting for the largest percentage of the annual sales of that establishment.

The Census Bureau's monthly survey is based primarily on reports at the company level and the monthly estimates are benchmarked to the establishment data from the *Annual Survey*

<sup>1</sup> An establishment is a single physical location where business is conducted (e.g., a plant). A company often includes more than one establishment.

of Manufactures. Also, many of the large diversified companies file separate divisional reports monthly. Although the reports in the survey are also classified according to their principal product or activity, this difference in the organizational level from which reports are received results in firms being classified into different industries in the BLS and Census surveys and, consequently, limits somewhat the comparability of the data collected by these agencies. However, as we know from past studies in this area, some differences in industrial classification between BLS and Census data would remain even if reports came from the same organizational levels.

Both the Census and the BLS data include a significant amount of nondefense activities carried on by companies and establishments classified in the above industries. For example, the data cover the production of commercial as well as military aircraft. On the other hand, they exclude significant amounts of defense work carried on by companies and establishments classified in industries other than those listed above (e.g., the manufacture of military uniforms and the shipbuilding industry).<sup>2</sup>

Census data for "defense products" are based on separate reports on defense work filed by large defense contractors in the ordnance, communications, complete aircraft, aircraft parts, and shipbuilding industries. Thus, they differ from the "defense products industries" data in that they include defense activity in the shipbuilding industry and exclude nondefense work in the other industries covered. Defense products data cover work for the Department of Defense and exclude contracts for the National Aeronautics and Space Administration and the Atomic Energy Commission.

The DOD data are not strictly comparable in coverage with either the BLS or the Census data since the Defense Department figures (1) cover products of industries not included in the defense products category; (2) generally do not include non-defense activities (except that some series, such as contract awards, include activities by the Department of Defense on behalf of nondefense agencies); and (3) do not cover intermediate activities such as those related to subcontracting and supplying of parts. Thus, the Census Bureau data for manufacturers' new orders and shipments of defense products industries, for example, differ in coverage from the DOD contract awards and net outlays series.

The Department of Defense data are not comparable with Federal Government purchases of goods and services for national defense or the Treasury Department obligations and outlays data since the BEA and Treasury data cover defense-related activities of other agencies such as the Atomic Energy Commission, the Selective Service System, and the Office of Emergency Planning.

Projects to improve the comparability of the data collected by the Bureau of the Census, the Bureau of Labor Statistics, and the Department of Defense and to improve the separation of defense and nondefense activity for the Census and BLS data are being undertaken by the statistical agencies under the leadership of the Interagency Committee mentioned earlier in this report.

<sup>2</sup> See the Bureau of the Census publication *Shipments of Defense-Oriented Industries*, Current Industrial Reports, Series MA-175, for annual estimates of shipments by industry to the Department of Defense, the National Aeronautics and Space Administration, and the Atomic Energy Commission. Included also are industries not covered by the "defense products industries" category.

## Variability of Data

Seasonal variations dominate the movements of many time series, and adjustments for average seasonal fluctuations are often necessary to bring out the underlying trends of the series. These seasonal adjustments allow for the effects of repetitive intrayear variations resulting primarily from normal differences in weather conditions and from various institutional arrangements. An additional adjustment is sometimes necessary for series which contain considerable variation resulting from the number of working or trading days in each month. As used in this report, the term "seasonal adjustment" includes trading-day adjustments where they have been made.

Most of the series in this report are shown in seasonally adjusted form. For Defense Department and BLS series, unadjusted data are also shown since they are not readily available elsewhere. Current seasonal adjustment factors are shown in appendix A.

The effect of seasonal adjustment in reducing the month-to-month variation in the data can be seen in appendix B. There, the first two columns show the average month-to-month percent change (without regard to sign) in the data before and after seasonal adjustment. Some series still show very irregular month-to-month movements after adjustment for seasonal variation. The measures in appendix B also indicate the month-to-month variation in the irregular and short-term trend components of the series. For many series, irregular movements tend to dominate 1- or 2-month comparisons, and the underlying short-term trend becomes dominant in comparisons over longer spans. The "months for cyclical dominance" (MCD) measure estimates the span of months required for the short-term trend to dominate the irregular component. Series with an MCD of 4 or more are supplemented with a moving average (with the

number of terms equal to MCD) in the charts. Data for these moving averages are listed in the basic data tables.

## Guide to Charts and Tables

Most series are plotted on a standard ratio scale so that equal percent changes cover the same vertical distance. For these series, an increase of 100 percent covers approximately 1 inch. Arithmetic scales are used for series with zero or negative data, series which could approach zero (e.g., average overtime hours and layoff rate), and series expressed in percent.

In general, monthly data are plotted with a solid line and quarterly data are represented by a solid line with quarterly plot points. Quarterly series are also identified with a "Q" after their titles. For series which include a moving average, a dashed line is used for the actual monthly data and a solid line for the moving average. (The moving average values are centered within the span of months they are computed from.) Exceptions to this scheme may be necessary for special situations. Data apply to the whole period except for series designated "EOM" (end of month) or "EOQ" (end of quarter). The number in the box at the right of each series indicates the latest month (Arabic) or quarter (Roman) plotted. Parallel lines across a series indicate a break in continuity (e.g., data not available or change in series definition).

Tables 1, 2, 3, and 4 present current data for the series shown in the charts, including the moving averages. They also include unadjusted data for some series and data for related series which are not plotted. Table A summarizes the most recent data and percent changes for many of the series in the report. Historical data are shown on an intermittent basis in appendix C. (The index indicates the appropriate issue for each series.)

### New Features and Changes for This Issue

Appendix C contains historical data for series 650, 664, 666, 670, 671, 673, 675, 680, 681, 682, 683, 685, and 689.

-----  
The June issue of DEFENSE INDICATORS is scheduled for release on June 27.

# Table A. Summary of Recent Data and Current Percent Changes for Principal Defense Indicators

(Preliminary and revised figures are not identified here but the user may consult tables 1, 2, 3, and 4 where such identification is given)

Series title	Unit of measure	Basic data								Percent change				Series number
		Average		3d Q	4th Q	1st Q	Feb.	Mar.	Apr.	Feb. '75 to Mar. '75	Mar. '75 to Apr. '75	3d Q '74 to 4th Q '74	4th Q '74 to 1st Q '75	
		1973	1974	1974	1974	1975	1975	1975	1975					
GROSS NATIONAL PRODUCT AND NATIONAL DEFENSE PURCHASES														
200. Gross national product (BEA) .....	Ann. rate, bil. dol. ....	1294.9	1397.4	1416.3	1430.9	1417.1	...	...	...	...	...	1.0	-1.0	200
264. Federal Government purchases of goods and services, national defense (BEA) .....	do .....	74.4	78.7	78.4	84.0	84.7	...	...	...	...	...	7.1	0.8	264
613. National defense purchases as a percent of GNP (BEA) <sup>1</sup> .....	Percent .....	5.8	5.6	5.5	5.9	6.0	...	...	...	...	...	0.4	0.1	613
ADVANCE INDICATORS OF DEFENSE ACTIVITY														
Defense Dept. gross obligations incurred (DOD):														
617. Total .....	Ann. rate, bil. dol. ....	85.5	93.9	97.8	96.0	93.9	89.6	104.1	NA	16.2	NA	-1.8	-2.2	617
621. Procurement .....	do .....	18.8	20.6	21.8	20.9	21.1	18.1	28.2	NA	55.8	NA	-4.1	1.0	621
623. Gross obligations incurred outside the Federal Government for national defense (Treasury) .....	do .....	89.1	101.1	108.2	102.4	NA	NA	NA	NA	NA	NA	-5.4	NA	623
625. Defense Department military prime contract awards for work performed in the U.S. (DOD) ..	do .....	35.3	41.4	44.6	41.9	42.0	47.8	33.8	NA	-29.3	NA	-6.1	0.2	625
643. Defense Department gross unpaid obligations outstanding (DOD) .....	Bil. dol., end of period .....	36.8	40.0	40.5	40.0	39.8	39.1	39.8	NA	1.8	NA	-1.2	-0.5	643
648. Mfrs.' new orders, defense products (Census) .....	Ann. rate, bil. dol. ....	20.5	22.8	25.1	21.7	21.9	25.8	20.4	20.7	-20.9	1.5	-13.5	0.9	648
650. Manufacturers' new orders from the U.S. Government, aerospace industries (Census) .....	do .....	15.9	19.2	22.9	22.6	NA	...	...	...	...	...	-1.3	NA	650
653. Average weekly overtime hours, production workers, defense products industries (BLS) <sup>1</sup> ..	Hours .....	3.1	2.8	2.8	2.6	2.4	2.5	2.4	NA	-0.1	NA	-0.2	-0.2	653
654. Accessions, defense products industries (BLS) <sup>1</sup> ..	Number per 100 employees .....	2.2	2.1	2.3	1.7	NA	1.6	NA	NA	NA	NA	-0.6	NA	654
655. Layoffs, defense products industries (BLS) <sup>1</sup> ..	do .....	0.6	0.6	0.6	0.7	NA	1.2	NA	NA	NA	NA	0.1	NA	655
INTERMEDIATE AND FINAL INDICATORS OF DEFENSE ACTIVITY														
657. Output of defense and space equipment (FRB) ..	1967=100 .....	80.4	82.4	92.8	83.7	82.4	81.9	81.6	81.4	-0.4	-0.2	1.1	-1.6	657
659. Mfrs.' inventories, defense products (Census) ..	Bil. dol., end of period .....	5.6	6.5	6.4	6.5	6.9	6.7	6.9	NA	3.0	NA	1.6	6.2	659
661. Mfrs.' unfilled orders, defense products (Census) ..	do .....	20.7	24.6	24.0	24.6	25.0	25.0	25.0	24.9	0.0	-0.4	2.5	1.6	661
664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census) ..	do .....	16.4	20.7	19.0	20.7	NA	...	...	...	...	...	8.9	NA	664
666. Defense Department progress payments outstanding (DOD) <sup>2</sup> .....	do .....	7.4	9.2	8.5	9.2	NA	...	...	...	...	...	8.2	NA	666
Employment in defense products industries (BLS):														
670. Total .....	Thousands .....	1,161	1,161	1,154	1,169	1,136	1,124	1,124	1,115	0.0	-0.8	1.3	-2.8	670
671. Production workers .....	do .....	616	610	598	615	587	578	578	571	0.0	-1.2	2.8	-4.6	671
673. Index of aggregate weekly man-hours, defense products industries (BLS) .....	1967=100 .....	69.1	68.4	67.7	68.8	66.8	66.1	66.0	65.5	-0.2	-0.8	1.6	-2.9	673
675. Index of aggregate weekly payrolls, production workers, defense products industries (BLS) ..	do .....	91.9	96.6	94.6	100.7	98.2	96.4	97.0	96.7	0.6	-0.3	6.4	-2.5	675
Defense Department manpower (DOD): <sup>2</sup>														
677. Military .....	Thousands, end of period .....	2,202	2,140	2,157	2,140	2,137	2,146	2,137	NA	-0.4	NA	-0.8	-0.1	677
678. Civilian .....	do .....	1,026	1,043	1,049	1,043	1,034	1,036	1,034	NA	-0.2	NA	-0.6	-0.9	678
Defense Department net outlays (DOD):														
680. Total, military functions and military assistance .....	Ann. rate, bil. dol. ....	76.3	83.6	86.6	89.3	86.2	91.1	86.3	63.6	-5.3	-3.1	3.1	-3.5	680
682. Procurement .....	do .....	15.7	15.5	14.3	17.8	17.2	17.3	17.3	14.3	0.0	-17.3	24.5	-3.4	682
683. Budget outlays for the national defense function (Treasury) .....	do .....	78.1	84.8	85.4	92.0	89.3	94.8	88.6	NA	-6.5	NA	7.7	-2.9	683
685. Defense Dept. personnel compensation (DOD) ..	do .....	32.4	33.5	33.8	34.6	33.7	34.3	33.7	NA	-1.7	NA	2.4	-2.6	685
688. Mfrs.' shipments, defense products (Census) ..	do .....	18.8	18.9	18.3	19.1	20.4	21.0	20.6	21.5	-1.9	4.4	4.4	6.8	688
689. Manufacturers' shipments to the U.S. Government, aerospace industries (Census) .....	do .....	14.4	15.3	15.4	15.6	NA	...	...	...	...	...	1.3	NA	689
691. Ratio, manufacturers' unfilled orders to shipments, defense products (Census) .....	Ratio .....	12.7	14.5	15.4	15.3	14.6	14.3	14.6	13.9	2.1	-4.8	-0.6	-4.6	691
693. Ratio, manufacturers' inventories to shipments, defense products (Census) .....	do .....	3.5	3.9	4.2	4.1	3.9	3.8	4.0	NA	5.3	NA	-2.4	-4.9	693
DEFENSE-RELATED BALANCE OF PAYMENTS COMPONENTS														
546. Transfers under U.S. military agency sales contracts—exports (BEA) <sup>1</sup> .....	Ann. rate, mil. dol. ....	2,354	2,966	3,220	3,376	NA	...	...	...	...	...	156	NA	546
547. Direct defense expenditures—imports (BEA) <sup>1</sup> ..	do .....	4,620	5,065	5,112	5,208	NA	...	...	...	...	...	96	NA	547
696. U.S. Government cash receipts associated with military sales contracts (BEA) <sup>1</sup> .....	do .....	2,290	2,903	3,884	2,968	NA	...	...	...	...	...	-916	NA	696

NOTE: This table is presented as a convenient summary of the current data for many of the indicators in this report. In many cases, data shown here are rounded to fewer digits or are in different units than those shown in tables 1, 2, 3, and 4. Where available, annual figures are those published by the source agencies, otherwise they (and the quarterly figures for monthly series) are averages or totals of the data as shown in the data tables. Series are seasonally adjusted except for those indicated by <sup>2</sup>, which appear to contain no seasonal movement.

NA = not available.

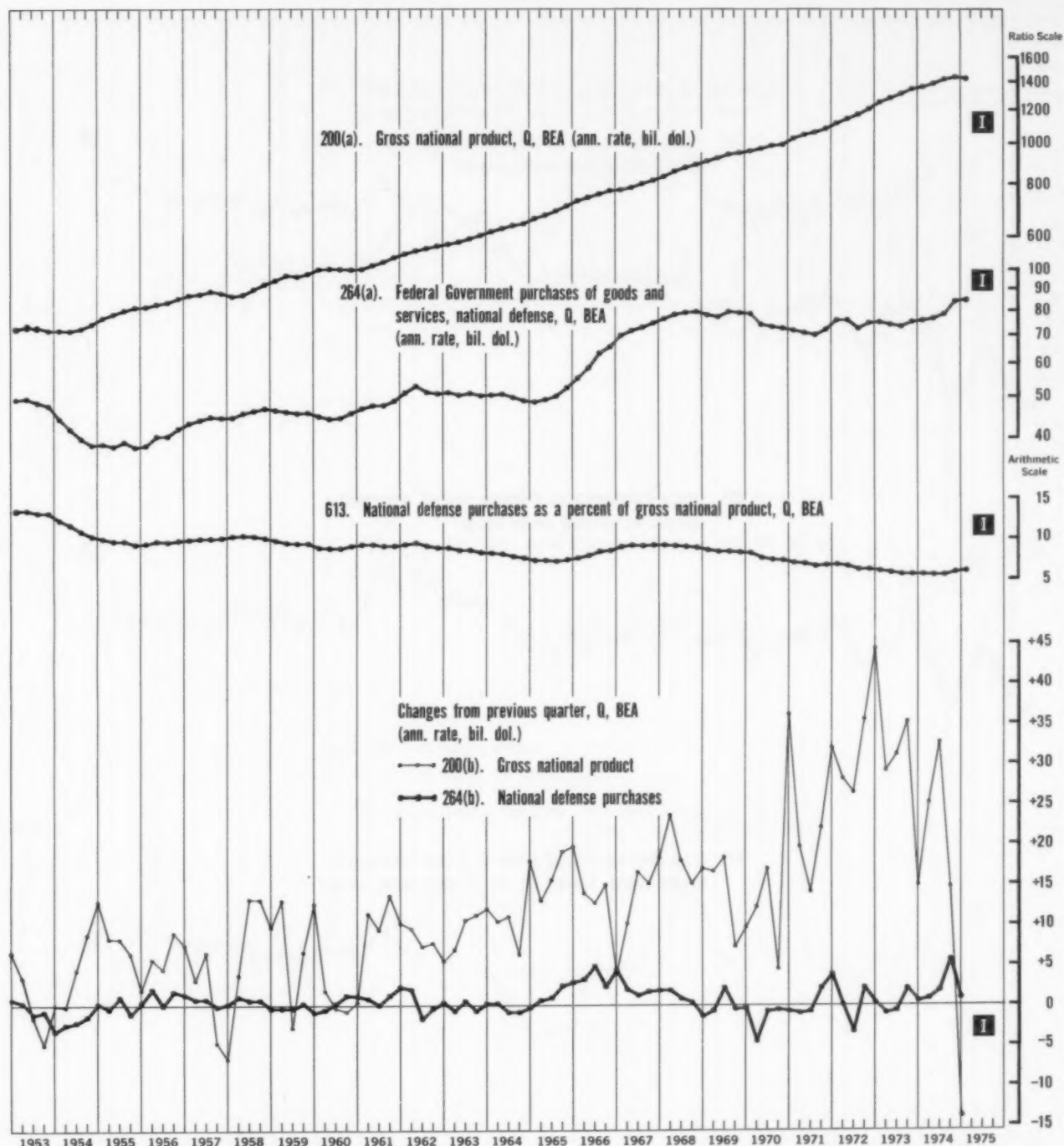
<sup>2</sup>Differences rather than percent changes are shown for this series.



CHART

1

# Gross National Product and National Defense Purchases

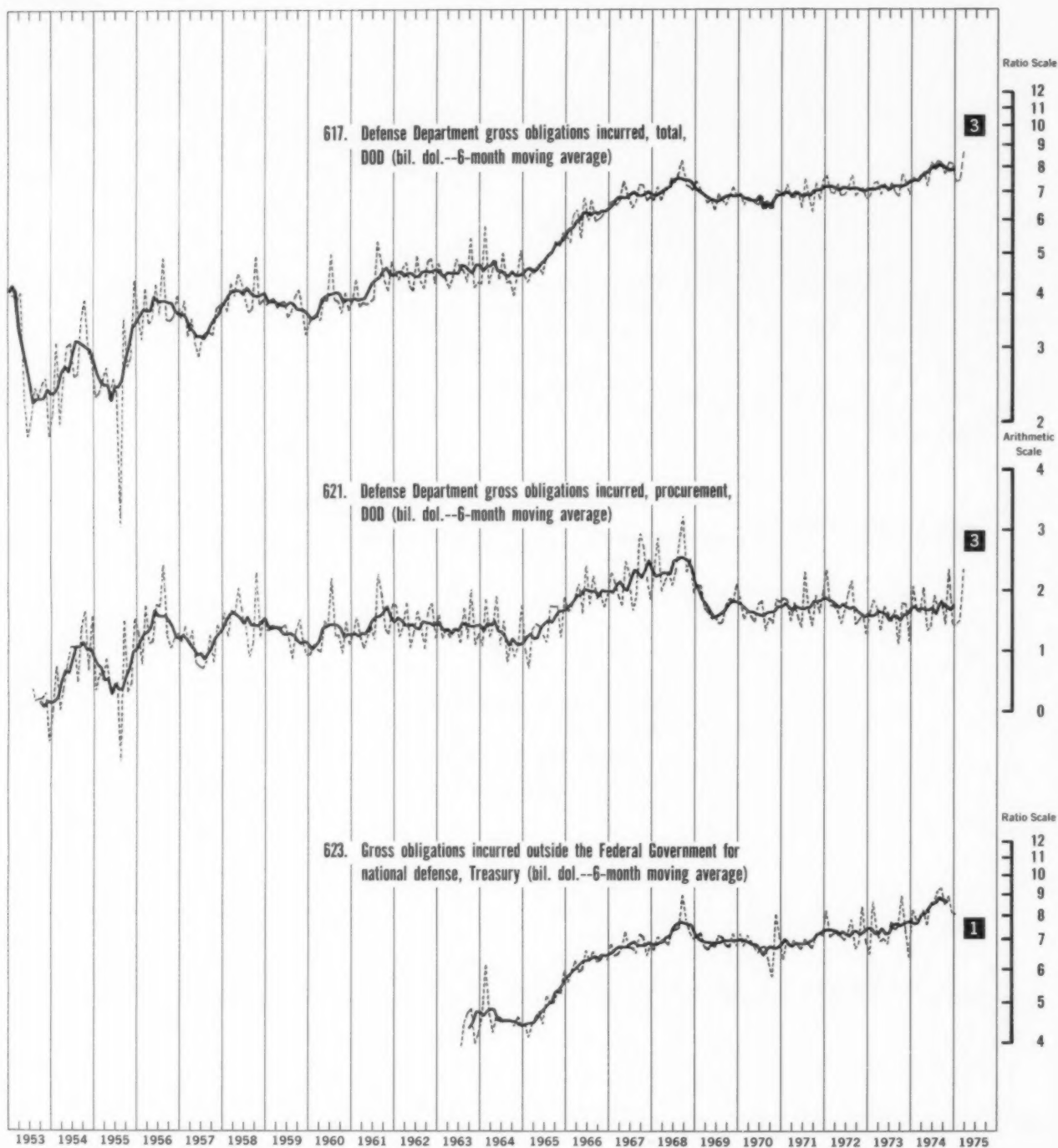




CHART

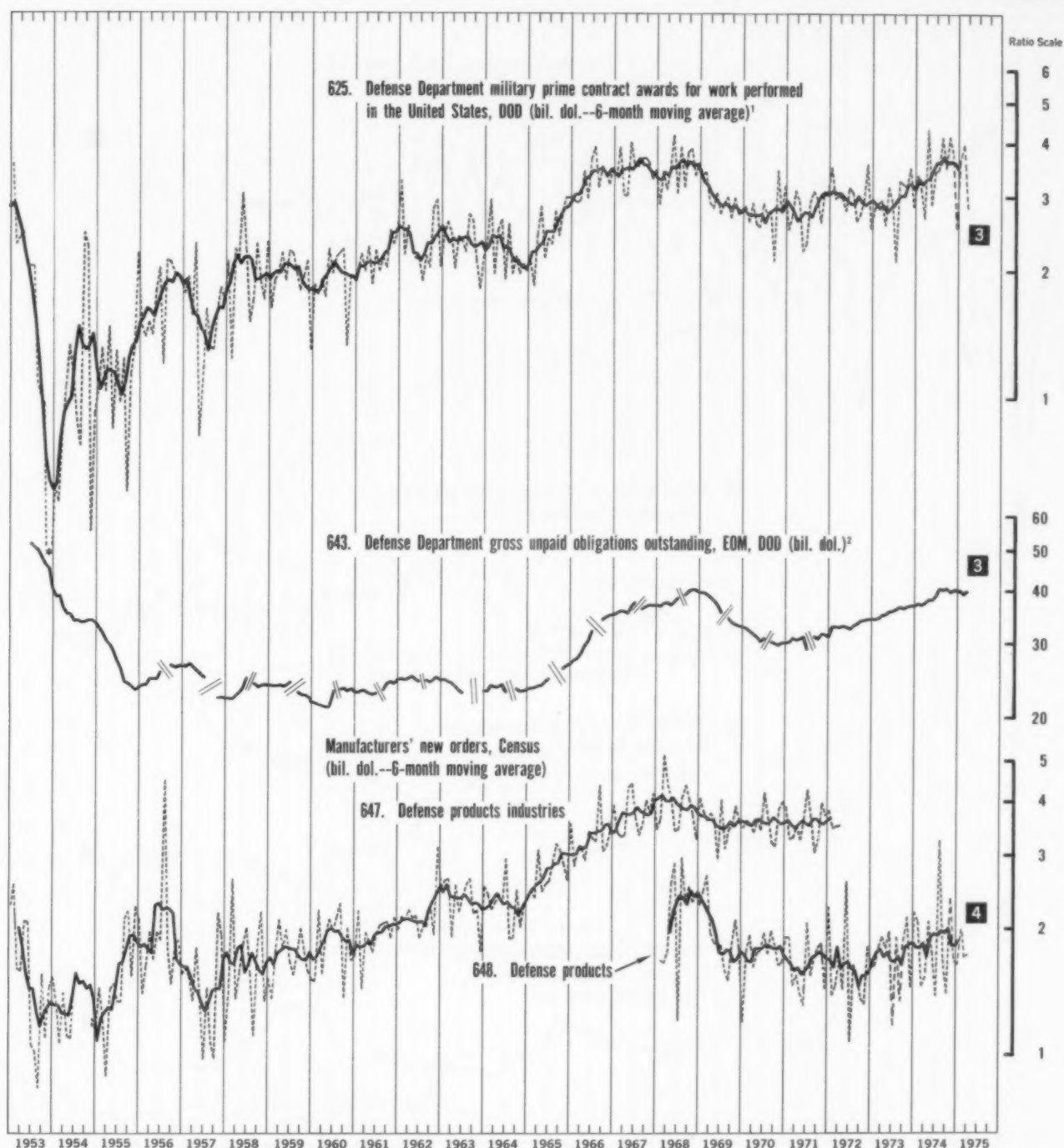
2

## Advance Indicators of Defense Activity



Current data for these series are shown on pages 15 and 16.

# Advance Indicators of Defense Activity--Continued



<sup>1</sup>Data prior to July 1955 exclude orders written to other Government agencies.

<sup>2</sup>Data for the following months not available: July of 1956-71; August of 1956-57 and 1963-66; September of 1957, 1963, and 1965; and October and November of 1963.

\*Contract awards for November 1953--\$265 million; December 1953--\$390 million.

Current data for these series are shown on pages 16 and 20.

CHART

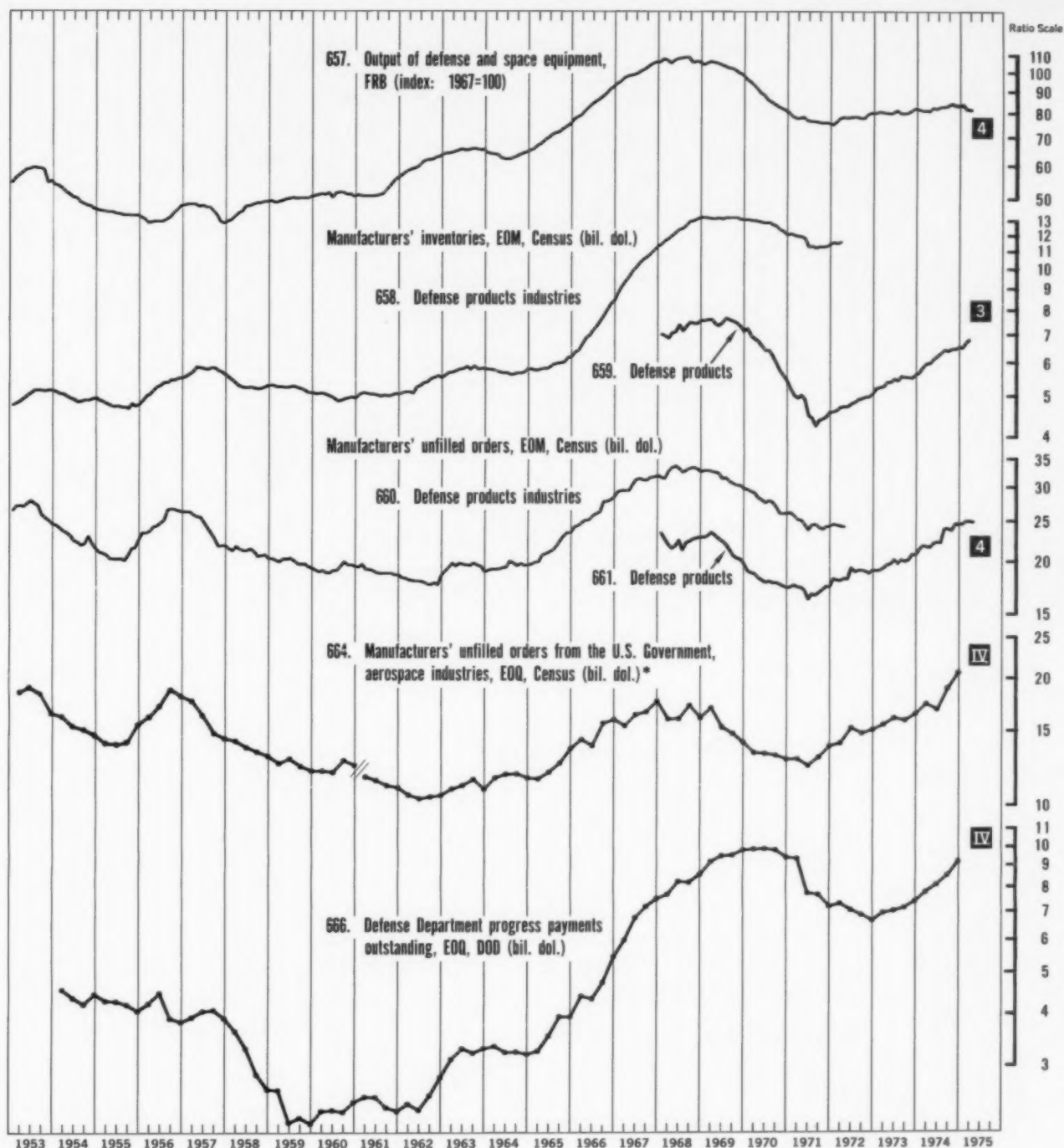
2

# Advance Indicators of Defense Activity--Continued



\*Data prior to 1961 include orders from non-Government customers.  
Current data for these series are shown on pages 20 and 21.

### Intermediate and Final Indicators of Defense Activity

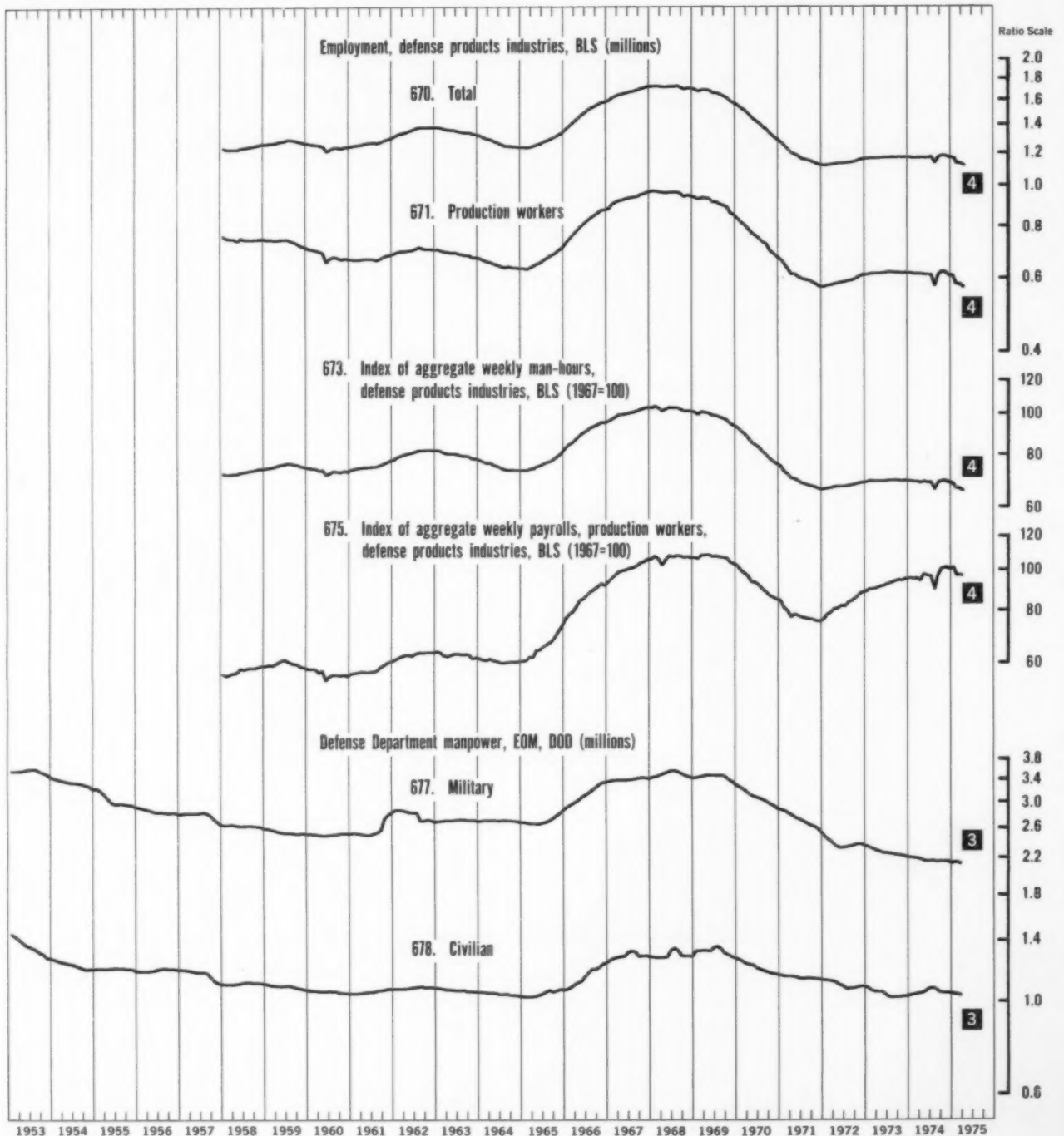


\* Data prior to 1961 include orders from non-Government customers. Current data for these series are shown on page 22.

CHART

3

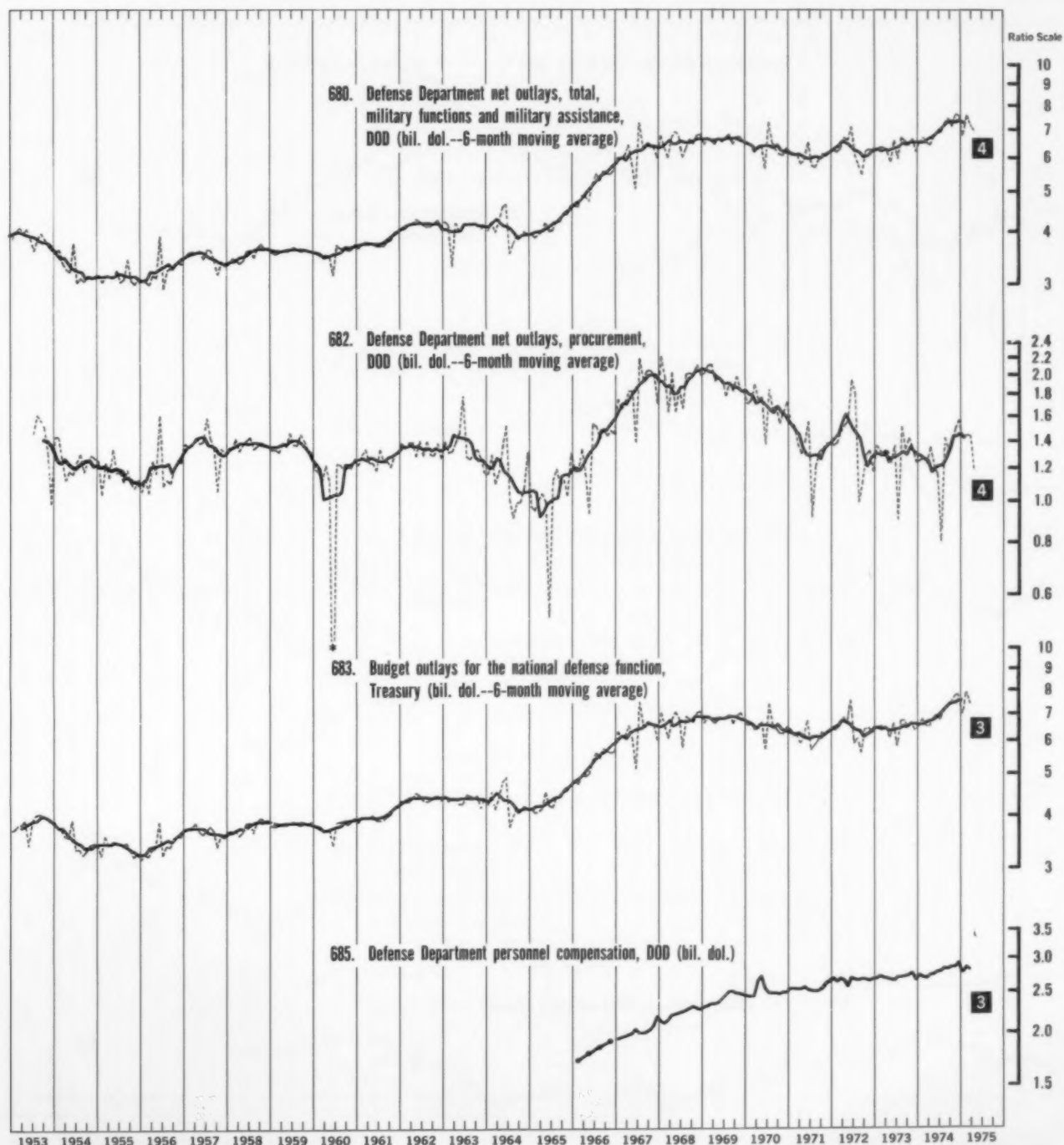
# Intermediate and Final Indicators of Defense Activity--Continued



Current data for these series are shown on pages 22, 23, and 24.



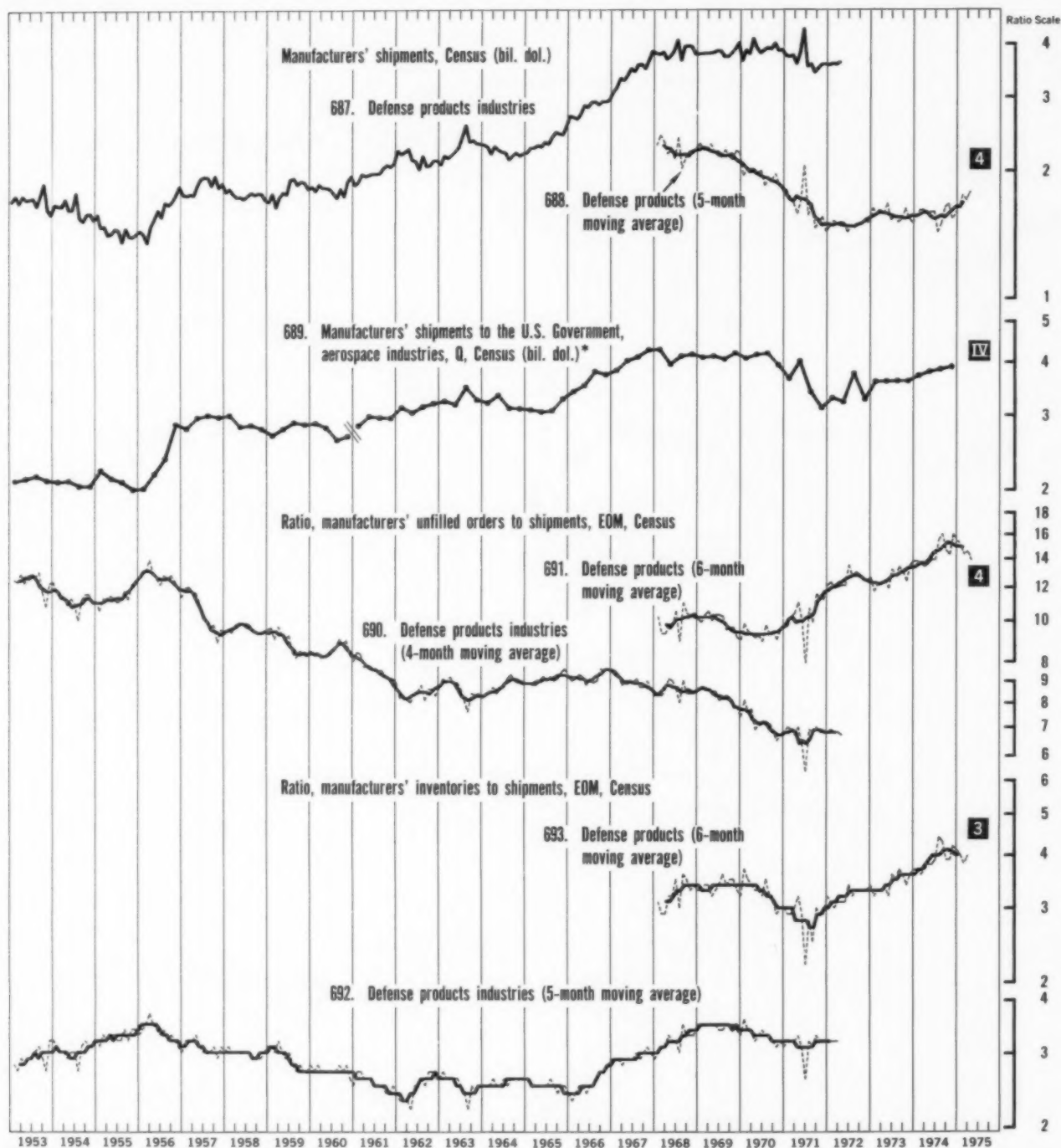
# Intermediate and Final Indicators of Defense Activity--Continued



\* Net expenditures for procurement, June 1960--\$245 million.  
Current data for these series are shown on pages 24 and 25.

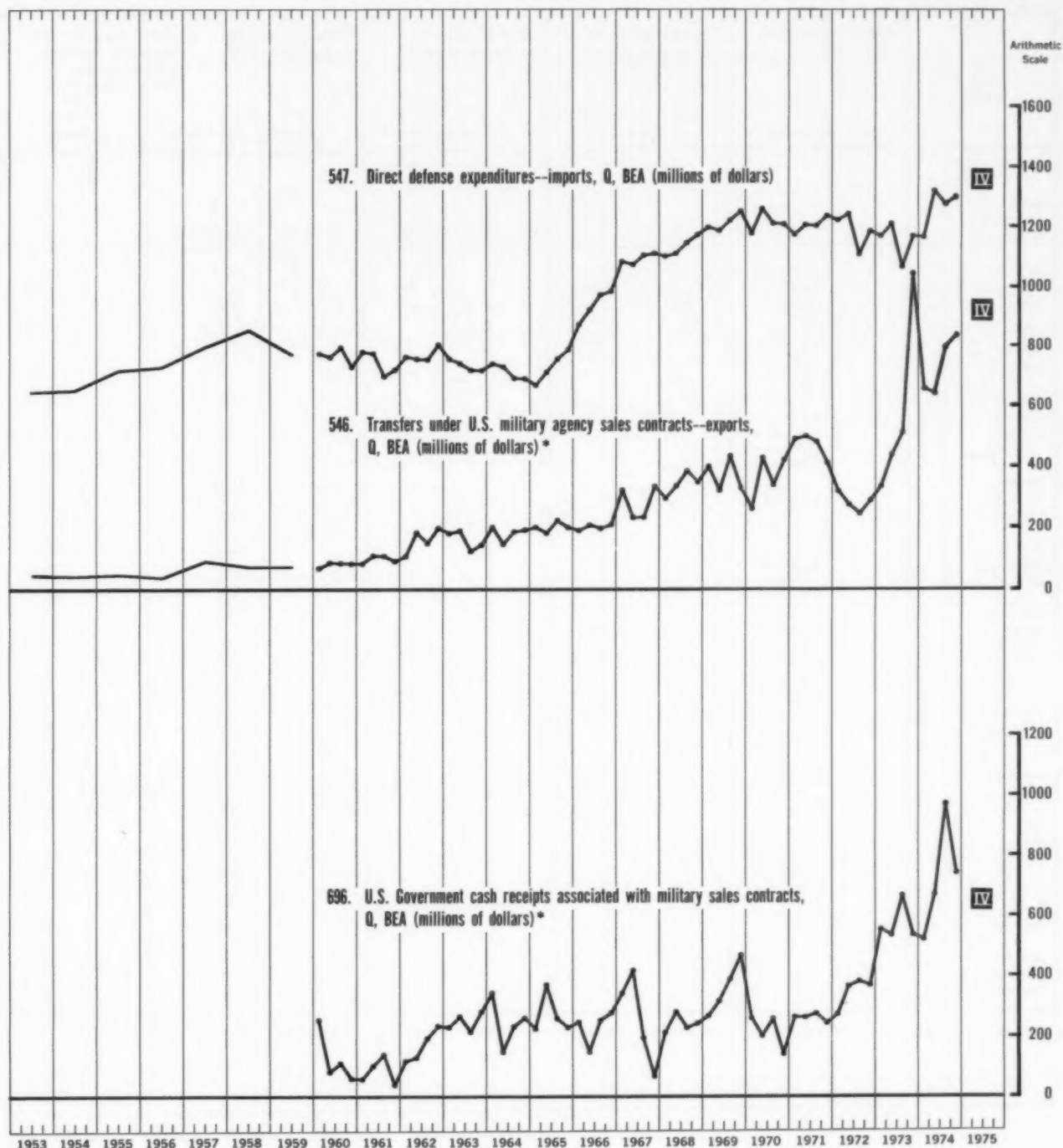
CHART  
**3**

# Intermediate and Final Indicators of Defense Activity--Continued



\*Data prior to 1961 include shipments to non-Government customers.  
Current data for these series are shown on page 26.

# Defense-Related Balance of Payments Components



\*See footnotes 1 and 2 on page 27.  
Current data for these series are shown on page 27.

# defense indicators

TABLE

1

## Gross National Product and National Defense Purchases

Year and month	200(a). Gross national product, BEA*	264(a). Federal Government purchases of goods and services, national defense, BEA*	613. National defense purchases as a percent of gross national product, BEA*	200(b). Change in gross national product, BEA*	264(b). Change in Federal Government purchases of goods and services, national defense, BEA*
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Percent)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1973					
January .....	...	...	...	44.2	0.3
February .....	1,248.9	75.0	6.0	...	...
March .....	...	...	...	...	...
April .....	...	...	...	29.0	-1.0
May .....	1,277.9	74.0	5.8	...	...
June .....	...	...	...	...	...
July .....	...	...	...	31.0	-0.7
August .....	1,308.9	73.3	5.6	...	...
September .....	...	...	...	...	...
October .....	...	...	...	35.1	2.0
November .....	1,344.0	75.3	5.6	...	...
December .....	...	...	...	...	...
1974					
January .....	...	...	...	14.8	0.5
February .....	1,358.8	75.8	5.6	...	...
March .....	...	...	...	...	...
April .....	...	...	...	25.0	0.8
May .....	1,383.8	76.6	5.5	...	...
June .....	...	...	...	...	...
July .....	...	...	...	32.5	1.8
August .....	1,416.3	78.4	5.5	...	...
September .....	...	...	...	...	...
October .....	...	...	...	14.6	5.6
November .....	1,430.9	84.0	5.9	...	...
December .....	...	...	...	...	...
1975					
January .....	...	...	...	r-13.8	r0.7
February .....	r1,417.1	r84.7	6.0		
March .....					
April .....					
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					

Note: All data on this page are seasonally adjusted. NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 5.)

TABLE  
2

## Advance Indicators of Defense Activity

Year and month	Defense Department gross obligations incurred, DOD							
	617. Total			619. Operations		621. Procurement		
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973								
January .....	7,414	6,827	7,051	4,688	4,494	1,815	1,631	1,595
February .....	6,691	7,283	7,026	4,097	4,656	1,785	1,838	1,569
March .....	6,716	7,362	7,053	4,174	4,427	1,435	1,704	1,588
April .....	6,342	6,865	7,101	4,522	4,445	1,028	1,349	1,648
May .....	5,997	7,275	7,181	4,195	4,393	1,171	1,730	1,623
June .....	9,327	6,992	7,123	5,122	4,471	2,871	1,633	1,596
July .....	8,180	7,312	7,028	5,334	4,679	1,019	1,483	1,495
August .....	7,505	6,932	7,162	4,634	4,552	1,393	1,676	1,568
September .....	6,289	6,790	7,169	4,201	4,429	1,168	1,099	1,575
October .....	8,074	7,671	7,145	5,024	4,716	2,105	1,788	1,494
November .....	6,917	7,315	7,181	4,346	4,652	1,714	1,771	1,593
December .....	6,041	6,850	7,259	4,133	4,643	1,321	1,149	1,599
1974								
January .....	8,113	7,527	7,374	4,991	4,714	2,337	2,077	1,689
February .....	6,826	7,398	7,390	4,187	4,758	1,677	1,708	1,731
March .....	6,613	7,485	7,368	4,377	4,699	1,381	1,642	1,658
April .....	7,375	7,762	7,588	4,982	4,804	1,546	2,040	1,702
May .....	6,104	7,187	7,664	4,434	4,662	894	1,330	1,675
June .....	10,110	8,166	7,810	6,170	5,466	2,465	1,412	1,672
July .....	9,285	7,983	7,926	5,901	5,110	1,332	1,919	1,706
August .....	8,874	8,279	7,912	5,224	5,203	1,416	1,692	1,607
September .....	7,790	8,179	8,083	4,771	5,040	1,919	1,842	1,777
October .....	7,965	7,681	8,075	5,394	4,999	1,709	1,446	1,780
November .....	7,600	8,211	7,968	4,471	4,786	2,281	2,349	1,697
December .....	7,260	8,116	7,832	4,826	5,334	1,646	1,431	1,667
1975								
January .....	8,252	7,341	7,916	5,471	5,148	1,895	1,424	1,751
February .....	6,904	7,467	(NA)	4,604	5,220	1,569	1,509	(NA)
March .....	7,526	8,677		4,787	5,251	1,994	2,349	
April .....	(NA)	(NA)		(NA)	(NA)	(NA)	(NA)	
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								

NA=not available; p=preliminary; r=revised; e=estimated.

\*Indicates series shown in charts. (See page 6.)



TABLE

2

# Advance Indicators of Defense Activity--Continued

Year and month	623. Gross obligations incurred outside the Federal Government for national defense, Treasury		Defense Department military prime contract awards for work performed in the United States, DOD						
	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	625. Total			626. Aircraft		627. Missile and space systems	
			Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973									
January .....	6,496	7,490	2,578	2,824	2,956	728	...	377	...
February .....	8,706	7,501	2,418	2,899	2,893	328	1,942	297	1,306
March .....	7,421	7,281	2,841	2,947	2,824	721	...	504	...
April .....	6,986	p7,264	1,854	2,568	2,884	122	...	233	...
May .....	7,098	p7,477	2,489	3,171	2,765	866	1,948	129	967
June .....	p6,877	p7,266	5,122	2,897	2,828	1,243	...	349	...
July .....	7,773	p7,294	2,357	2,106	2,873	396	...	207	...
August .....	7,441	p7,619	3,224	3,276	2,975	611	1,804	921	1,200
September .....	7,588	p7,672	3,309	3,222	3,032	867	...	435	...
October .....	8,935	7,592	3,198	3,176	3,024	939	...	368	...
November .....	7,417	7,674	2,967	3,515	3,236	686	2,150	283	1,138
December .....	6,396	7,746	2,944	2,850	3,214	316	...	563	...
1974									
January .....	8,264	7,784	3,084	3,378	3,123	1,093	...	206	...
February .....	7,874	7,673	2,613	3,141	3,317	598	2,424	305	844
March .....	7,819	7,712	2,602	2,677	3,212	517	...	255	...
April .....	8,270	p8,068	3,127	4,343	3,310	459	...	303	...
May .....	7,647	p8,112	2,250	2,881	3,329	308	1,104	297	1,271
June .....	p8,534	p8,333	6,086	3,440	3,498	502	...	323	...
July .....	8,526	p8,584	3,924	3,494	3,636	1,089	...	618	...
August .....	9,202	p8,623	4,091	4,153	3,605	591	2,446	430	1,448
September .....	9,326	p8,842	3,586	3,502	3,754	866	...	848	...
October .....	8,503	8,776	4,165	4,161	3,603	1,156	...	410	...
November .....	8,963	8,700	3,207	3,777	3,636	856	2,900	434	1,107
December .....	8,139	(NA)	2,616	2,532	3,609	569	...	361	...
1975									
January .....	8,069		3,567	3,693	3,494	1,062	...	346	...
February .....	(NA)		3,321	3,987	(NA)	509	2,147	276	980
March .....			2,625	2,817		421		244	
April .....			(NA)	(NA)		(NA)		(NA)	
May .....									
June .....									
July .....									
August .....									
September .....									
October .....									
November .....									
December .....									

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See pages 6 and 7.)

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued						
	628. Ships, not seasonally adjusted	629. Weapons and ammunition		630. Electronic and communications equipment		631. Combat vehicles	
		Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973							
January .....	84	207	...	214	...	14	...
February .....	378	226	658	215	939	11	60
March .....	85	195	...	420	...	11	...
April .....	82	150	...	237	...	12	...
May .....	78	184	725	351	959	15	65
June .....	139	566	...	654	...	54	...
July .....	337	21	...	131	...	50	...
August .....	220	81	436	354	990	24	80
September .....	203	114	...	313	...	27	...
October .....	161	105	...	248	...	116	...
November .....	465	106	310	392	900	21	214
December .....	588	192	...	261	...	56	...
1974							
January .....	52	135	...	311	...	102	...
February .....	212	244	541	415	1,013	5	253
March .....	103	142	...	206	...	40	...
April .....	190	170	...	403	...	129	...
May .....	155	123	680	270	1,110	98	502
June .....	1,175	554	...	732	...	404	...
July .....	230	37	...	321	...	59	...
August .....	625	72	453	402	1,316	104	249
September .....	134	111	...	352	...	151	...
October .....	210	122	...	598	...	25	...
November .....	328	114	334	349	1,239	22	126
December .....	109	165	...	254	...	81	...
1975							
January .....	325	125	...	414	...	21	...
February .....	251	160	515	331	1,379	66	288
March .....	11	217	...	535	...	52	...
April .....	(NA)	(NA)	...	(NA)	...	(NA)	...
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated.

TABLE

2

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued							
	632. Other hard goods		633. Soft goods		634. Construction		635. Services	
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973								
January .....	140	...	141	...	103	...	154	...
February .....	141	458	112	519	205	484	140	755
March .....	130	...	102	...	131	...	152	...
April .....	145	...	113	...	153	...	195	...
May .....	128	480	97	488	151	442	137	776
June .....	393	...	158	...	493	...	446	...
July .....	65	...	489	...	34	...	341	...
August .....	117	432	177	553	111	377	265	653
September .....	106	...	186	...	101	...	252	...
October .....	133	...	154	...	147	...	388	...
November .....	142	365	235	600	54	450	161	663
December .....	108	...	228	...	86	...	178	...
1974								
January .....	128	...	297	...	90	...	204	...
February .....	111	467	145	1,374	52	258	138	900
March .....	179	...	487	...	92	...	181	...
April .....	294	...	344	...	248	...	166	...
May .....	139	564	214	1,081	58	504	168	846
June .....	352	...	256	...	604	...	524	...
July .....	163	...	338	...	131	...	451	...
August .....	158	677	819	890	148	601	303	762
September .....	129	...	219	...	112	...	233	...
October .....	108	...	267	...	138	...	446	...
November .....	127	391	226	692	126	578	185	742
December .....	135	...	222	...	104	...	181	...
1975								
January .....	154	...	217	...	168	...	307	...
February .....	143	497	704	1,489	134	481	341	1,396
March .....	152	...	191	...	127	...	201	...
April .....	(NA)	...	(NA)	...	(NA)	...	(NA)	...
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								

NA=not available; p=preliminary; r=revised; e=estimated.

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued					640. Defense Department military prime contract awards for work outside the United States, DOD	
	636. Contracts under \$10,000		637. Educational and nonprofit institutions		638. Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), not seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted			
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973							
January .....	341		41	...	34	156	...
February .....	320	1,003	45	152	0	151	527
March .....	334	...	43	...	13	125	...
April .....	356	...	46	...	10	213	...
May .....	319	977	35	168	-1	83	...
June .....	551	...	76	...	0	264	645
July .....	225	...	61	...	0	368	...
August .....	210	997	123	259	10	244	...
September .....	390	...	86	...	229	159	497
October .....	319	...	85	...	35	194	...
November .....	335	1,059	87	169	0	240	...
December .....	326	...	29	...	13	186	833
1974							
January .....	327	...	76	...	63	160	...
February .....	333	996	55	224	0	114	...
March .....	329	...	58	...	13	198	594
April .....	384	...	37	...	0	80	...
May .....	382	1,066	38	156	0	94	...
June .....	570	...	70	...	20	333	559
July .....	225	...	162	...	100	421	...
August .....	321	1,116	118	316	0	448	...
September .....	380	...	51	...	0	120	632
October .....	399	...	46	...	240	190	...
November .....	374	1,204	59	159	7	93	...
December .....	343	...	92	...	0	111	559
1975							
January .....	372	...	51	...	5	114	...
February .....	345	1,144	61	206	0	93	...
March .....	419	...	53	...	2	96	388
April .....	(NA)		(NA)		(NA)	(NA)	
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated.

# defense indicators

TABLE

2

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department gross unpaid obligations outstanding, DOD						648. Manufacturers' new orders, defense products, Census		650. Manufacturers' new orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*
	643. Total		644. Operations		645. Procurement				
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	
1973									
January .....	35,171	34,280	5,741	5,381	22,326	21,718	1,618	1,589	...
February .....	35,287	34,426	5,589	5,523	22,721	21,953	1,633	1,680	4,060
March .....	34,766	34,976	5,273	5,586	22,469	22,291	1,804	1,758	...
April .....	34,297	35,140	5,424	5,807	22,044	22,244	1,900	1,783	...
May .....	33,409	35,693	5,227	5,886	21,753	22,565	1,789	1,709	4,095
June .....	34,621	35,877	5,301	6,044	22,806	22,558	1,956	1,754	...
July .....	e35,500	e36,188	e6,200	e6,385	e22,100	e22,620	1,175	1,676	...
August .....	37,069	36,666	6,754	6,420	22,432	22,960	1,898	1,664	3,568
September .....	36,829	36,285	6,719	6,454	22,195	22,556	1,338	1,720	...
October .....	38,039	36,682	7,519	6,660	22,679	22,656	1,827	1,635	...
November .....	37,680	36,869	7,193	6,673	22,877	22,763	2,124	1,803	4,199
December .....	37,244	36,839	7,064	6,994	22,932	22,615	1,450	1,831	...
1974									
January .....	38,249	37,280	7,425	6,959	23,791	23,143	2,183	1,852	...
February .....	37,963	37,001	7,055	6,964	24,032	23,175	2,064	1,802	4,737
March .....	37,249	37,436	6,779	7,189	23,847	23,634	1,462	1,794	...
April .....	37,264	38,141	7,044	7,550	23,778	23,970	1,527	1,844	...
May .....	35,601	38,076	6,476	7,301	23,123	23,987	2,079	1,710	3,105
June .....	37,545	38,947	7,373	8,417	23,994	23,756	1,752	1,904	...
July .....	e39,626	e40,435	e8,149	e8,392	e24,316	e24,914	1,377	1,940	...
August .....	40,594	40,152	8,426	8,010	23,791	24,351	3,229	1,919	5,731
September .....	41,055	40,488	8,311	7,991	24,283	24,703	1,678	1,965	...
October .....	41,201	39,731	8,607	7,610	24,361	24,337	1,401	1,951	...
November .....	40,949	40,068	7,906	7,334	25,147	25,022	2,351	1,994	p5,655
December .....	40,407	40,047	7,654	7,556	25,199	25,024	1,668	1,813	...
1975									
January .....	40,819	39,823	7,997	7,495	25,484	24,838	1,635	r1,817	...
February .....	40,008	39,147	7,520	7,460	25,452	24,568	2,147	pl,871	(NA)
March .....	39,473	39,791	7,169	7,651	25,688	25,259	r1,702		
April .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	pl,724		
May .....									
June .....									
July .....									
August .....									
September .....									
October .....									
November .....									
December .....									

NA=not available; p=preliminary; r=revised; e=estimated.

\*Indicates series shown in charts. (See pages 7 and 8.)



## Advance Indicators of Defense Activity--Continued

Year and month	653. Average weekly overtime hours, production workers, defense products industries, BLS		654. Accession rate, defense products industries, BLS			655. Layoff rate, defense products industries, BLS		
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*
	(Hours)	(Hours)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)
1973								
January .....	2.9	3.0	2.5	2.5	2.3	0.8	0.5	0.5
February .....	3.0	3.1	2.0	2.3	2.3	0.6	0.5	0.5
March .....	2.9	3.0	2.0	2.2	2.3	0.7	0.5	0.5
April .....	2.8	3.1	2.0	2.2	2.2	0.6	0.5	0.5
May .....	2.9	3.2	2.2	2.2	2.2	0.5	0.6	0.6
June .....	2.8	2.8	2.9	2.2	2.2	0.5	0.7	0.6
July .....	2.7	3.0	2.5	2.3	2.2	0.6	0.8	0.7
August .....	2.8	2.8	2.6	2.2	2.2	0.5	0.6	0.6
September .....	3.4	3.1	2.4	2.1	2.3	0.4	0.5	0.6
October .....	3.2	3.1	2.5	2.5	2.3	0.6	0.5	0.5
November .....	3.6	3.3	2.0	2.2	2.2	0.7	0.6	0.5
December .....	3.7	3.3	1.3	2.0	2.2	0.5	0.6	0.5
1974								
January .....	2.9	3.0	2.1	2.1	2.1	0.7	0.5	0.5
February .....	2.7	2.8	1.8	2.1	2.1	0.6	0.5	0.5
March .....	2.8	2.9	1.9	2.1	2.1	0.6	0.5	0.5
April .....	2.1	2.4	2.1	2.3	2.2	0.6	0.5	0.5
May .....	2.8	3.1	2.2	2.2	2.2	0.5	0.6	0.5
June .....	3.0	3.0	2.8	2.1	2.2	0.5	0.6	0.6
July .....	2.7	3.0	2.6	2.4	2.2	0.4	0.6	0.6
August .....	2.8	2.9	2.6	2.2	2.3	0.5	0.6	0.6
September .....	2.9	2.6	2.6	2.3	2.3	0.5	0.6	0.6
October .....	2.8	2.7	2.1	2.1	2.0	0.7	0.6	0.6
November .....	2.9	2.6	1.3	1.5	1.9	0.8	0.7	0.7
December .....	3.0	2.6	0.9	1.6	1.6	0.8	0.8	0.8
1975								
January .....	2.3	2.4	1.4	1.4	1.5	1.2	1.1	1.0
February .....	r2.4	r2.5	1.3	1.6	(NA)	1.3	1.2	(NA)
March .....	p2.3	p2.4	(NA)	(NA)		(NA)	(NA)	
April .....	(NA)	(NA)						
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 8.)

# defense indicators

TABLE

3

## Intermediate and Final Indicators of Defense Activity

Year and month	657. Output of defense and space equipment, FRB, seasonally adjusted*	659. Manufacturers' inventories, defense products, Census, seasonally adjusted*	661. Manufacturers' unfilled orders, defense products, Census, seasonally adjusted*	664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*	666. Defense Department progress payments outstanding, DOD, not seasonally adjusted*	670. Employment in defense products industries, total, BLS	
	(Index: 1967=100)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	Not seasonally adjusted	Seasonally adjusted*
1973							
January .....	79.8	5,210	19,060	...	...	1,160	1,156
February .....	80.6	5,248	19,123	...	...	1,160	1,159
March .....	80.1	5,266	19,343	15,533	6,942	1,156	1,158
April .....	80.0	5,384	19,659	...	...	1,154	1,159
May .....	79.7	5,384	19,780	...	...	1,152	1,160
June .....	80.1	5,477	20,211	16,084	7,026	1,159	1,162
July .....	81.1	5,434	19,824	...	...	1,158	1,163
August .....	79.7	5,555	20,210	...	...	1,159	1,165
September .....	79.8	5,528	20,013	15,904	7,139	1,166	1,163
October .....	80.0	5,531	20,215	...	...	1,168	1,164
November .....	80.9	5,508	20,797	...	...	1,172	1,162
December .....	81.9	5,615	20,740	16,448	7,385	1,172	1,165
1974							
January .....	81.4	5,679	21,372	...	...	1,167	1,163
February .....	80.9	5,837	21,827	...	...	1,160	1,159
March .....	81.0	5,966	21,678	17,383	7,781	1,158	1,160
April .....	80.6	5,978	21,622	...	...	1,157	1,162
May .....	82.2	6,119	22,107	...	...	1,153	1,161
June .....	81.7	6,201	22,261	16,858	8,104	1,159	1,162
July .....	82.6	6,303	22,208	...	...	1,160	1,166
August .....	82.7	6,431	23,941	...	...	1,123	1,129
September .....	83.1	6,377	23,979	19,017	8,531	1,168	1,166
October .....	84.1	6,463	23,715	...	...	1,179	1,175
November .....	83.7	6,477	24,530	...	...	1,179	1,170
December .....	83.4	6,543	24,612	p20,682	9,166	1,168	1,161
1975							
January .....	r83.8	6,503	24,603	...	...	1,162	1,159
February .....	81.9	6,714	24,998	...	...	r1,125	r1,124
March .....	r81.6	6,867	r24,986	(NA)	(NA)	r1,122	r1,124
April .....	p81.4	(NA)	p24,917			p1,110	p1,115
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary r=revised; e=estimated. \*Indicates series shown in charts (See pages 9 and 10.)

## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	671. Employment in defense products industries, production workers, BLS		673. Index of aggregate weekly man-hours, defense products industries, BLS		675. Index of aggregate weekly payrolls, production workers, defense products industries, BLS	
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*
	(Thous.)	(Thous.)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1973						
January .....	615	611	68.7	68.6	88.7	88.5
February .....	616	614	69.1	69.1	89.9	89.7
March .....	614	615	68.8	68.8	89.9	89.8
April .....	612	615	68.4	69.0	88.9	90.2
May .....	610	615	68.5	69.0	89.7	91.0
June .....	614	617	68.9	69.0	90.3	91.4
July .....	614	620	68.4	69.2	89.7	92.4
August .....	612	618	68.6	69.2	91.2	92.9
September .....	618	617	69.5	69.3	94.5	93.8
October .....	620	618	69.4	69.1	94.8	94.2
November .....	621	614	70.0	69.0	96.4	94.0
December .....	625	618	70.4	69.2	99.2	95.1
1974						
January .....	620	616	69.0	68.9	95.4	95.2
February .....	615	613	68.7	68.7	95.1	94.8
March .....	612	613	68.7	68.7	95.6	95.4
April .....	610	613	67.7	68.3	92.6	93.9
May .....	606	611	68.4	68.8	96.0	97.4
June .....	607	610	68.3	68.4	95.3	96.5
July .....	604	610	67.7	68.6	93.4	96.3
August .....	568	574	65.3	65.9	88.1	89.8
September .....	612	611	68.7	68.5	98.2	97.6
October .....	623	621	69.3	69.1	101.2	100.6
November .....	624	617	69.6	69.0	103.6	101.1
December .....	615	608	69.5	68.3	104.7	100.3
1975						
January .....	610	606	68.2	68.2	101.2	101.1
February .....	r581	r578	66.1	66.1	96.8	r96.4
March .....	r578	r578	r65.9	r66.0	r97.2	r97.0
April .....	p569	p571	p65.0	p65.5	p95.4	p96.7
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 10.)

# defense indicators

TABLE

3

## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department manpower, DOD		Defense Department net outlays, DOD				
	677. Military, not seasonally adjusted*	678. Civilian, not seasonally adjusted*	680. Total, military functions and military assistance			681. Operations	
			Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted
	(Thous.)	(Thous.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973							
January .....	2,334	1,073	6,388	6,256	6,295	4,119	4,107
February .....	2,314	1,057	6,054	6,377	6,288	3,988	4,162
March .....	2,291	1,051	6,736	6,366	6,220	4,217	4,167
April .....	2,274	1,051	6,222	6,194	6,281	4,087	3,970
May .....	2,256	1,051	6,213	5,896	6,235	4,033	3,946
June .....	2,253	1,031	7,854	6,597	6,291	4,537	3,935
July .....	2,251	1,019	5,005	5,978	6,330	3,669	4,018
August .....	2,237	1,022	6,649	6,716	6,371	4,279	4,228
September .....	2,232	1,019	5,967	6,598	6,503	4,027	4,316
October .....	2,227	1,022	6,527	6,444	6,441	4,105	4,156
November .....	2,218	1,026	6,766	6,683	6,534	4,359	4,378
December .....	2,202	1,026	5,953	6,228	6,535	4,066	4,226
1974							
January .....	2,199	1,034	6,728	6,538	6,524	4,376	4,333
February .....	2,195	1,039	6,384	6,717	6,527	4,137	4,313
March .....	2,187	1,042	6,702	6,536	6,537	4,398	4,364
April .....	2,174	1,046	6,685	6,458	6,648	4,367	4,221
May .....	2,156	1,053	7,204	6,745	6,712	4,718	4,536
June .....	2,162	1,070	7,872	6,894	6,801	4,835	4,296
July .....	2,162	1,074	5,979	6,921	6,956	4,628	4,917
August .....	2,153	1,064	6,897	7,254	7,068	4,804	4,957
September .....	2,157	1,049	6,948	7,463	7,218	4,575	4,828
October .....	2,156	1,046	7,271	7,130	7,328	4,817	4,853
November .....	2,154	1,046	7,473	7,648	7,302	4,912	5,042
December .....	2,140	1,043	7,451	7,549	7,358	4,742	4,843
1975							
January .....	2,145	1,038	7,051	6,766	7,312	4,775	4,605
February .....	2,146	1,036	7,258	7,590	p7,285	4,727	4,907
March .....	p2,137	1,034	r7,244	r7,190		4,736	4,778
April .....	(NA)	(NA)	p7,199	p6,967		p4,891	p4,678
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See pages 10 and 11.)

## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department net outlays, DOD--Continued			683. Budget outlays for the national defense function, Treasury		685. Defense Department personnel compensation, DOD	
	682. Procurement			Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted*
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*				
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973							
January .....	1,355	1,367	1,301	6,534	6,492	2,811	2,686
February .....	1,243	1,329	1,306	6,563	6,496	2,666	2,720
March .....	1,439	1,291	1,291	6,561	6,440	2,728	2,693
April .....	1,287	1,330	1,322	6,500	6,498	2,675	2,686
May .....	1,315	1,243	1,245	6,164	6,384	2,736	2,666
June .....	1,649	1,371	1,276	6,666	6,419	2,615	2,655
July .....	863	907	1,285	5,849	6,451	2,712	2,707
August .....	1,450	1,513	1,300	6,776	6,458	2,735	2,705
September .....	1,239	1,344	1,318	6,754	6,554	2,615	2,720
October .....	1,487	1,425	1,298	6,542	6,512	2,732	2,732
November .....	1,268	1,349	1,357	6,735	6,632	2,765	2,771
December .....	1,124	1,250	1,318	6,416	6,642	2,589	2,663
1974							
January .....	1,270	1,262	1,300	6,569	6,613	2,879	2,738
February .....	1,195	1,276	1,289	6,835	6,617	2,651	2,702
March .....	1,313	1,241	1,268	6,579	6,640	2,700	2,687
April .....	1,382	1,355	1,254	6,567	6,733	2,750	2,739
May .....	1,292	1,227	1,179	6,874	6,768	2,817	2,745
June .....	1,346	1,165	1,204	6,973	6,831	2,710	2,782
July .....	801	810	1,221	6,783	6,962	2,835	2,793
August .....	1,348	1,425	1,224	7,212	7,112	2,814	2,837
September .....	1,251	1,343	1,270	7,362	7,254	2,741	2,823
October .....	1,455	1,377	1,338	7,467	7,393	2,869	2,864
November .....	1,372	1,501	1,440	7,727	7,436	2,827	2,864
December .....	1,439	1,569	1,444	7,809	7,550	2,874	2,924
1975							
January .....	1,427	1,428	1,460	7,039	7,554	2,913	2,762
February .....	1,351	1,444	p1,429	7,896	(NA)	r2,808	r2,862
March .....	1,500	1,440		7,385		p2,823	p2,810
April .....	p1,219	p1,193		(NA)		(NA)	(NA)
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 11.)



TABLE

3

# Intermediate and Final Indicators of Defense Activity--Continued

Year and month	688. Manufacturers' shipments, defense products, Census		689. Manufacturers' shipments to the U.S. Government, aerospace industries, Census, seasonally adjusted*	691. Ratio, manufacturers' unfilled orders to shipments, defense products, Census		693. Ratio, manufacturers' inventories to shipments, defense products, Census	
	Seasonally adjusted*	Moving average of seasonally adjusted data--5-month*		Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Ratio)	(Ratio)	(Ratio)	(Ratio)
1973							
January .....	1,628	1,561	...	11.7	12.3	3.2	3.3
February .....	1,570	1,575	3,599	12.2	12.3	3.3	3.3
March .....	1,584	1,607	...	12.2	12.2	3.3	3.3
April .....	1,584	1,587	...	12.4	12.3	3.4	3.3
May .....	1,669	1,585	3,607	11.9	12.4	3.2	3.4
June .....	1,527	1,571	...	13.2	12.6	3.6	3.4
July .....	1,562	1,561	...	12.7	12.8	3.5	3.5
August .....	1,511	1,552	3,612	13.4	12.8	3.7	3.5
September .....	1,535	1,555	...	13.0	13.0	3.6	3.6
October .....	1,625	1,543	...	12.4	13.1	3.4	3.6
November .....	1,541	1,552	3,611	13.5	13.3	3.6	3.6
December .....	1,505	1,567	...	13.8	13.4	3.7	3.6
1974							
January .....	1,552	1,564	...	13.8	13.4	3.7	3.6
February .....	1,610	1,573	3,721	13.6	13.6	3.6	3.7
March .....	1,612	1,591	...	13.4	13.7	3.7	3.7
April .....	1,586	1,600	...	13.6	13.7	3.8	3.8
May .....	1,594	1,564	3,802	13.9	14.0	3.8	3.9
June .....	1,596	1,541	...	13.9	14.4	3.9	4.0
July .....	1,431	1,551	...	15.5	14.6	4.4	4.0
August .....	1,497	1,565	3,856	16.0	14.7	4.3	4.0
September .....	1,638	1,553	...	14.6	15.0	3.9	4.1
October .....	1,663	1,584	...	14.3	15.3	3.9	4.1
November .....	1,536	1,613	p3,909	16.0	15.2	4.2	4.1
December .....	1,585	1,636	...	15.5	15.0	4.1	4.0
1975							
January .....	1,644	r1,646	...	15.0	15.0	4.0	4.0
February .....	1,753	p1,697	(NA)	14.3	p14.9	3.8	(NA)
March .....	r1,714			r14.6		4.0	
April .....	p1,791			p13.9		(NA)	
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 12.)

## Defense-Related Balance of Payments Components

TABLE

4

Year and month	546. Transfers under U.S. military agency sales contracts (exports), BEA <sup>1</sup>		547. Direct defense expenditures (imports), BEA, not seasonally adjusted*	696. U.S. Government cash receipts associated with military sales contracts, BEA <sup>2</sup>	
	Not seasonally adjusted	Seasonally adjusted*		Not seasonally adjusted	Seasonally adjusted*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1973					
January .....	...	...	...	...	...
February .....	326	342	1,175	520	554
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	509	446	1,209	544	535
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	466	520	1,067	610	665
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	1,054	1,046	1,169	616	536
December .....	...	...	...	...	...
1974					
January .....	...	...	...	...	...
February .....	643	666	1,166	488	521
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	732	651	1,319	678	669
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	729	805	1,278	917	971
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	p862	p844	p1,302	p820	p742
December .....	...	...	...	...	...
1975					
January .....	...	...	...	...	...
February .....	(NA)	(NA)	(NA)	(NA)	(NA)
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	...	...	...	...	...
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	...	...	...	...	...
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	...	...	...	...	...
December .....	...	...	...	...	...

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 13.)

<sup>1</sup>Includes deliveries for which, under Public Law 93-199, Israel has been released from its contractual liability to pay.

<sup>2</sup>Excludes funds made available under Public Law 93-199 to release Israel from its contractual liability to pay for defense articles and services purchased through military sales contracts. Quarterly expenditures for such purpose under Public Law 93-199 amounted to (in millions): 1974, IIQ, \$623; IIIQ, \$223; IVQ, \$91.

# Appendix A. SEASONAL ADJUSTMENT FACTORS

Series title	1974						1975					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>MONTHLY SERIES</b>												
Defense Department gross obligations incurred:												
617. Total <sup>1</sup>	116.3	107.2	95.2	103.7	92.6	89.5	112.4	92.5	86.7	93.3	82.9	128.5
619. Operations <sup>1</sup>	115.5	100.4	94.7	107.9	93.4	90.5	106.3	88.2	91.2	104.1	93.0	112.9
621. Procurement	69.4	83.7	104.2	118.2	97.1	115.0	133.1	104.0	84.9	80.5	62.0	164.0
623. Gross obligations incurred outside the Federal Government for national defense <sup>1</sup>	113.8	105.1	92.6	108.1	96.6	97.5	106.4	87.7	92.5	94.6	87.7	114.0
625. Defense Department military prime contract awards for work performed in the United States	112.3	98.5	102.4	100.1	84.9	103.3	96.6	83.3	93.2	70.7	69.1	175.6
Defense Department gross unpaid obligations outstanding: <sup>2</sup>												
643. Total	98.0	101.1	101.4	103.7	102.2	100.9	102.5	102.2	99.2	97.8	93.6	95.7
644. Operations	97.1	105.2	104.0	113.1	107.8	101.3	106.7	100.8	93.7	93.2	88.0	87.5
645. Procurement	97.6	97.7	98.3	100.1	100.5	100.7	102.6	103.6	101.7	99.9	96.9	99.5
648. Manufacturers' new orders, defense products <sup>3</sup>	178.1	85.4	116.2	104.9	91.8	106.5	94.9	98.1	98.4	87.5	71.2	93.1
653. Average weekly overtime hours, production workers, defense products industries <sup>4</sup>	-.3	-.1	.3	.1	.3	.4	-.1	-.1	-.1	-.3	-.2	.0
654. Accession rate, defense products industries <sup>4</sup>	.2	.4	.3	.0	-.2	-.7	.0	-.3	-.2	-.2	.0	.7
655. Layoff rate, defense products industries <sup>4</sup>	-.2	-.1	-.1	.1	.1	-.1	.2	.1	.1	.0	-.1	-.1
657. Output of defense and space equipment <sup>3</sup>	98.6	98.9	100.1	100.1	100.9	101.8	100.0	99.9	100.4	99.4	99.9	100.7
659. Manufacturers' inventories, defense products <sup>3</sup>	100.2	99.2	99.7	100.6	100.6	99.4	98.6	99.8	101.3	100.6	100.0	99.9
661. Manufacturers' unfilled orders, defense products <sup>3</sup>	101.0	99.7	100.5	101.0	99.9	99.8	101.0	101.2	101.0	99.8	97.3	96.3
Employment in defense products industries:												
670. Total	99.5	99.5	100.2	100.3	100.8	100.6	100.3	100.1	99.8	99.6	99.4	99.8
671. Production workers	99.0	99.0	100.1	100.3	101.2	101.2	100.6	100.4	99.9	99.6	99.1	99.5
673. Index of aggregate weekly man-hours, defense products industries	98.7	99.1	100.3	100.3	101.4	101.7	100.0	100.0	99.9	99.2	99.4	99.8
675. Index of aggregate weekly payrolls, production workers, defense products industries	97.0	98.1	100.7	100.6	102.5	104.4	100.1	100.4	100.2	98.6	98.6	98.8
Defense Department net outlays:												
680. Total, military functions and military assistance <sup>1</sup>	86.4	95.1	93.1	102.0	97.7	98.7	104.2	95.6	100.8	103.3	103.8	118.0
681. Operations <sup>1</sup>	94.1	96.9	94.8	99.3	97.4	97.9	103.7	96.3	99.1	104.5	98.9	112.7
682. Procurement <sup>1</sup>	98.9	94.6	93.1	105.7	91.4	91.7	99.9	93.6	104.1	102.2	104.3	116.0
683. Budget outlays for the national defense function <sup>1</sup>	86.4	95.7	93.4	102.5	99.3	97.1	103.8	95.3	100.7	103.5	102.7	118.1
685. Defense Department personnel compensation <sup>1</sup>	101.5	99.2	97.1	100.2	98.7	98.3	105.5	98.1	100.5	101.1	100.7	98.4
688. Manufacturers' shipments, defense products <sup>3</sup>	98.1	99.1	103.4	99.5	102.9	108.3	88.0	96.4	99.5	99.6	98.9	105.6
<b>QUARTERLY SERIES</b>												
	IIIQ			IVQ			IQ			IIQ		
200. Gross national product <sup>3</sup>	98.4			104.5			96.1			100.9		
264. Fed. Govt. purchases of goods and services, national defense <sup>3</sup>	95.0			100.9			99.2			104.9		
546. Transfers under U.S. military agency sales contracts-exports <sup>3</sup>	-54			8			-16			63		
Defense Department military prime contract awards:												
626. Aircraft	104.1			89.0			92.8			115.6		
627. Missile and space systems	130.9			108.9			88.4			69.9		
629. Weapons and ammunition	48.6			120.1			97.5			138.7		
630. Electronic and communications equipment	81.7			96.9			92.8			127.2		
631. Combat vehicles	126.2			101.4			48.2			141.1		
632. Other hard goods	66.5			94.6			90.3			146.0		
633. Soft goods	154.6			103.3			74.7			75.7		
634. Construction	65.1			63.7			89.1			181.4		
635. Services	129.6			109.5			60.8			105.4		
636. Under \$10,000	83.0			92.7			99.3			124.5		
637. Educational and nonprofit institutions	104.7			124.0			80.0			91.5		
640. Outside U.S.	156.4			70.5			78.1			88.2		
Aerospace industries:												
650. Manufacturers' new orders from the U.S. Government	123.4			97.3			91.3			89.6		
664. Manufacturers' unfilled orders from the U.S. Government	102.5			101.1			100.7			95.9		
689. Manufacturers' shipments to the U.S. Government	98.9			104.5			94.2			102.3		
696. U.S. Govt. cash receipts associated with military sales contracts <sup>3</sup>	-55			80			-34			9		

NOTE: The seasonal adjustment factors presented in this table were computed using the techniques described in the Bureau of the Census Technical Paper No. 15, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*.

Monthly data for Defense Department military prime contract awards by commodity category (series 626 to 640) have not been adjusted for seasonal variation. The series on direct defense expenditures—imports (series 547), Defense Department progress payments outstanding (series 666), and Defense Department manpower (series 677 and 678) contain no measurable seasonal variation.

<sup>1</sup> Factors are products of seasonal and trading-day factors.

<sup>2</sup> Prior to 1972, data for gross unpaid obligations outstanding are not available for a number

of months but these gaps were filled with averages of preceding and following months for purposes of estimating seasonal variation.

<sup>3</sup> These series have been adjusted by the source agencies. The factors shown here are implicit seasonal factors for the calendar year 1973 and are derived by dividing the seasonally unadjusted data by the seasonally adjusted data.

<sup>4</sup> These series have been seasonally adjusted using the additive version of the seasonal adjustment program. Seasonally adjusted data are derived by subtracting the adjustment factor from the unadjusted data. Seasonally adjusted data for other series are derived by dividing the seasonal factors into the unadjusted data.

<sup>5</sup> This series is the total of component series which have been adjusted separately by the source agency. The factors shown here are implicit seasonal factors for the calendar year 1973 and are derived by subtracting the seasonally adjusted data from the seasonally unadjusted data.

## Appendix C. HISTORICAL DATA

This appendix provides historical data (back to 1945 if available) for selected Defense Indicators series. Data are shown for series which (a) have recently been added to the report, (b) have recently been revised, or (c) have not been shown here for a long time. By keeping these tables, the user can acquire a complete set of historical data. Each time a series is included in this appendix, it is footnoted to indicate the extent of any revisions since it was last shown. See the "Alphabetical Index—Series Finding Guide" for the latest issue in which historical data

were published for each series. Current figures are shown in the basic data tables each month and may be used to update these historical tables.

Official source agency annual figures are shown if available. Such figures may differ slightly from those computed from the monthly or quarterly data appearing in the tables. When both seasonally adjusted and unadjusted data are shown for a series, annual figures are included only for the unadjusted data. Quarterly and annual data are not included for moving averages.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
670. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, TOTAL, NOT SEASONALLY ADJUSTED <sup>1</sup>																	
(THOUSANDS)												AVERAGE FOR PERIOD					
1958...	1,227	1,216	1,214	1,209	1,196	1,208	1,212	1,223	1,237	1,242	1,257	1,261	1,219	1,204	1,224	1,253	1,225
1959...	1,258	1,260	1,259	1,256	1,253	1,257	1,267	1,270	1,277	1,270	1,270	1,268	1,259	1,255	1,271	1,269	1,264
1960...	1,259	1,253	1,248	1,234	1,220	1,188	1,201	1,222	1,227	1,223	1,242	1,246	1,253	1,214	1,217	1,237	1,230
1961...	1,243	1,245	1,248	1,243	1,243	1,244	1,246	1,249	1,265	1,278	1,293	1,305	1,245	1,243	1,253	1,292	1,258
1962...	1,312	1,321	1,329	1,325	1,328	1,336	1,348	1,362	1,371	1,374	1,382	1,384	1,321	1,330	1,360	1,380	1,348
1963...	1,379	1,370	1,357	1,345	1,336	1,333	1,327	1,329	1,330	1,332	1,326	1,329	1,369	1,338	1,327	1,329	1,341
1964...	1,316	1,297	1,287	1,273	1,257	1,248	1,238	1,230	1,238	1,235	1,238	1,237	1,300	1,259	1,235	1,237	1,258
1965...	1,235	1,226	1,232	1,234	1,240	1,245	1,262	1,272	1,290	1,301	1,323	1,342	1,231	1,240	1,275	1,322	1,267
1966...	1,365	1,385	1,406	1,426	1,445	1,471	1,497	1,520	1,539	1,557	1,584	1,587	1,385	1,447	1,519	1,576	1,462
1967...	1,594	1,616	1,630	1,638	1,638	1,654	1,666	1,670	1,688	1,702	1,719	1,725	1,613	1,643	1,675	1,715	1,662
1968...	1,726	1,726	1,720	1,706	1,701	1,712	1,715	1,718	1,712	1,694	1,710	1,710	1,724	1,706	1,715	1,705	1,712
1969...	1,698	1,675	1,689	1,678	1,670	1,652	1,657	1,636	1,631	1,617	1,588	1,572	1,687	1,667	1,641	1,592	1,647
1970...	1,552	1,524	1,503	1,465	1,431	1,416	1,397	1,367	1,357	1,324	1,306	1,288	1,526	1,437	1,374	1,306	1,411
1971...	1,267	1,240	1,212	1,184	1,171	1,163	1,147	1,141	1,144	1,135	1,130	1,121	1,240	1,173	1,144	1,129	1,171
1972...	1,116	1,117	1,116	1,118	1,119	1,123	1,124	1,126	1,137	1,144	1,157	1,161	1,116	1,120	1,129	1,154	1,130
1973...	1,160	1,160	1,156	1,154	1,152	1,159	1,158	1,159	1,166	1,168	1,172	1,172	1,159	1,155	1,161	1,171	1,161
1974...																	
1975...																	
670. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, TOTAL, SEASONALLY ADJUSTED <sup>1</sup>																	
(THOUSANDS)												AVERAGE FOR PERIOD					
1958...	1,218	1,211	1,210	1,212	1,210	1,222	1,224	1,229	1,233	1,239	1,246	1,249	1,213	1,215	1,229	1,245	
1959...	1,249	1,254	1,255	1,259	1,267	1,271	1,280	1,277	1,274	1,266	1,259	1,256	1,253	1,266	1,277	1,280	
1960...	1,250	1,246	1,244	1,240	1,233	1,201	1,213	1,228	1,224	1,218	1,230	1,232	1,247	1,225	1,222	1,227	
1961...	1,235	1,240	1,244	1,246	1,255	1,257	1,259	1,255	1,262	1,274	1,283	1,292	1,240	1,253	1,259	1,283	
1962...	1,303	1,316	1,326	1,330	1,340	1,350	1,361	1,369	1,369	1,370	1,371	1,371	1,315	1,340	1,366	1,371	
1963...	1,369	1,366	1,354	1,350	1,347	1,345	1,337	1,332	1,328	1,328	1,317	1,318	1,363	1,347	1,332	1,321	
1964...	1,307	1,294	1,285	1,278	1,266	1,258	1,246	1,235	1,236	1,232	1,231	1,228	1,295	1,267	1,239	1,230	
1965...	1,228	1,224	1,230	1,237	1,247	1,254	1,267	1,276	1,289	1,300	1,315	1,331	1,227	1,246	1,277	1,315	
1966...	1,357	1,382	1,406	1,430	1,457	1,478	1,502	1,525	1,537	1,554	1,573	1,579	1,382	1,455	1,521	1,569	
1967...	1,588	1,614	1,630	1,645	1,650	1,662	1,668	1,675	1,686	1,699	1,709	1,718	1,611	1,652	1,676	1,709	
1968...	1,719	1,723	1,719	1,713	1,713	1,718	1,717	1,725	1,708	1,691	1,701	1,703	1,720	1,715	1,717	1,698	
1969...	1,691	1,672	1,688	1,686	1,682	1,658	1,659	1,643	1,627	1,613	1,580	1,565	1,684	1,675	1,643	1,586	
1970...	1,546	1,521	1,503	1,472	1,441	1,421	1,400	1,373	1,353	1,321	1,299	1,281	1,523	1,445	1,375	1,300	
1971...	1,262	1,238	1,213	1,190	1,179	1,167	1,150	1,147	1,141	1,132	1,123	1,114	1,236	1,179	1,146	1,123	
1972...	1,111	1,115	1,117	1,123	1,126	1,126	1,128	1,131	1,134	1,140	1,148	1,154	1,114	1,125	1,131	1,147	
1973...	1,156	1,159	1,158	1,159	1,160	1,162	1,163	1,165	1,163	1,164	1,162	1,165	1,158	1,160	1,164	1,164	
1974...																	
1975...																	
671. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, PRODUCTION WORKERS, NOT SEASONALLY ADJUSTED <sup>2</sup>																	
(THOUSANDS)												AVERAGE FOR PERIOD					
1958...	761	749	745	738	722	731	721	728	740	744	752	755	752	730	730	750	740
1959...	749	746	742	734	729	726	724	723	730	726	723	720	746	730	726	723	731
1960...	712	707	701	690	677	641	654	663	670	668	678	675	707	689	662	674	678
1961...	672	667	666	660	657	655	650	652	667	678	689	693	668	657	656	687	667
1962...	695	698	698	689	688	686	690	701	703	706	711	711	697	688	698	709	698
1963...	711	701	694	687	680	678	671	672	678	682	677	682	702	682	674	680	684
1964...	676	664	658	651	640	634	627	625	638	636	640	641	666	642	630	639	644
1965...	639	632	636	640	643	643	653	663	679	688	705	718	636	642	665	704	662
1966...	734	747	761	773	786	797	811	827	846	861	881	883	747	785	828	875	809
1967...	886	905	914	914	915	921	924	926	940	955	964	974	902	917	930	964	928
1968...	974	968	964	954	947	955	951	954	955	940	952	948	969	952	953	947	955
1969...	941	927	934	924	919	903	907	892	896	888	865	856	934	915	898	870	904
1970...	837	816	804	780	758	753	738	723	724	698	691	680	819	764	728	690	750
1971...	667	650	629	608	607	600	591	588	593	585	584	578	649	605	591	582	607
1972...	575	578	577	578	578	582	583	586	595	600	613	618	577	579	588	610	589
1973...	615	616	614	612	610	614	614	612	618	620	621	625	615	612	615	622	616
1974...																	
1975...																	
671. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, PRODUCTION WORKERS, SEASONALLY ADJUSTED <sup>1</sup>																	
(THOUSANDS)												AVERAGE FOR PERIOD					
1958...	751	742	740	741	732	744	738	738	738	739	741	743	744	739	738	741	
1959...	738	739	737	737	739	739	740	732	729	721	712	708	738	738	734	714	
1960...	702	700	696	692	686	652	668	672	669	663	667	663	699	677	670	664	
1961...	663	661	662	664	666	666	664	660	666	673	679	681	662	665	663	678	
1962...	686	692	694	693	697	698	704	710	703	701	701	699	691	696	706	700	
1963...	701	696	691	690	687	689	683	681	678	678	669	671	696	689	681	673	
1964...	667	660	656	653	646	643	638	633	639	633	633	631	661	647	637	632	
1965...	632	628	634	641	648	652	663	670	680	686	698	707	631	647	671	697	
1966...	726	743	759	775	793	807	821	835	846	858	871	873	743	792	834	867	
1967...	878	901	911	918	922	930	933	935	939	950	954	964	897	923	936	956	
1968...	966	965	962	959	955	962	958	962	952	937	944	939	964	959	957	940	
1969...	934	924	932	930	927	909	913	899	893	886	858	847	930	922	902	864	
1970...	831	814	803	785	765	757	743	728	721	696	685	673	816	769	731	685	
1971...	663	648	629	612	612	603	596	593	591	584	579	571	647	609	593	578	
1972...	571	576	577	581	583	585	588	591	593	598	606	611	575	583	591	605	
1973...	611	614	615	615	615	617	620	618	617	618	614	618	613	616	618	617	
1974...																	
1975...																	



# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
673. INDEX OF AGGREGATE WEEKLY MAN-HOURS, DEFENSE PRODUCTS INDUSTRIES, NOT SEASONALLY ADJUSTED <sup>1</sup> (1967=100)																	
AVERAGE FOR PERIOD																	
1958...	72.3	71.4	71.5	71.0	70.4	71.2	71.2	72.2	73.2	73.3	74.3	75.0	71.7	70.9	72.2	74.2	72.2
1959...	74.6	74.5	74.4	74.2	74.1	74.6	74.8	75.2	75.7	75.4	75.3	75.6	74.5	74.3	75.2	75.4	74.9
1960...	74.7	74.0	73.8	72.3	72.2	70.2	70.7	72.2	72.6	72.6	73.7	73.7	74.2	71.6	71.8	73.3	72.7
1961...	74.0	73.9	74.0	73.5	73.3	73.4	73.4	73.9	75.3	76.1	77.3	78.5	74.0	73.4	74.2	77.3	74.7
1962...	78.3	78.9	79.4	79.2	79.2	79.6	79.9	80.9	81.8	82.1	82.7	83.0	78.9	79.3	80.9	82.6	80.4
1963...	82.4	81.5	80.4	79.3	79.1	79.1	78.5	78.5	79.1	79.2	78.6	79.2	81.4	79.2	78.7	79.0	79.6
1964...	78.0	76.7	76.1	75.4	74.3	74.0	73.1	72.8	73.3	73.5	73.9	74.1	76.9	74.6	73.1	73.8	74.6
1965...	73.7	73.0	73.6	72.9	74.0	74.5	75.2	76.0	77.0	78.3	80.1	82.0	73.4	73.6	76.1	80.1	75.9
1966...	83.4	84.3	85.3	86.1	87.9	89.3	90.2	91.9	93.3	94.2	96.2	96.3	84.3	87.8	91.8	95.6	89.9
1967...	96.4	96.9	98.2	98.4	98.6	99.2	99.6	100.1	101.6	102.4	103.6	104.7	97.2	98.7	100.4	103.6	100.0
1968...	103.3	103.9	103.0	100.2	101.6	102.7	102.2	102.7	102.7	101.4	102.4	102.7	103.4	101.5	102.5	102.2	102.4
1969...	100.9	99.1	100.9	99.6	99.4	98.4	98.0	97.3	97.7	96.7	95.4	95.0	100.3	99.1	97.7	95.7	98.2
1970...	92.6	90.5	89.3	86.7	84.6	83.7	82.0	80.5	79.8	78.2	77.5	76.9	90.9	85.0	80.8	77.5	83.5
1971...	75.0	72.6	71.6	69.4	69.1	68.7	67.4	67.2	67.5	67.1	67.2	67.0	73.1	69.1	67.4	67.1	69.2
1972...	66.1	66.3	66.4	66.3	66.4	66.9	66.3	66.8	67.8	68.1	69.2	69.7	66.3	66.5	67.0	69.0	67.2
1973...	68.7	69.1	68.8	68.4	68.5	68.9	68.4	68.6	69.5	69.4	70.0	70.4	68.9	68.6	68.6	69.9	69.1
1974...																	
1975...																	
673. INDEX OF AGGREGATE WEEKLY MAN-HOURS, DEFENSE PRODUCTS INDUSTRIES, SEASONALLY ADJUSTED <sup>2</sup> (1967=100)																	
AVERAGE FOR PERIOD																	
1958...	71.5	71.1	71.3	71.5	71.5	72.1	72.3	72.6	72.9	73.1	73.5	73.7	71.3	71.7	72.6	73.4	
1959...	73.8	74.1	74.2	74.7	75.2	75.5	75.9	75.7	75.4	75.1	74.5	74.3	74.0	75.1	75.7	74.6	
1960...	73.9	73.6	73.6	72.8	73.2	71.1	71.8	72.7	72.3	72.2	72.8	72.3	73.7	72.4	72.3	72.4	
1961...	73.3	73.6	73.9	74.1	74.3	74.3	74.5	74.5	75.1	75.7	76.4	77.1	73.6	74.2	74.7	76.4	
1962...	77.5	78.6	79.2	79.8	80.2	80.5	81.0	81.6	81.6	81.7	81.7	81.5	78.4	80.2	81.4	81.6	
1963...	81.6	81.3	80.3	80.0	79.9	79.9	79.5	79.1	79.0	78.8	77.7	77.9	81.1	79.9	79.4	78.1	
1964...	77.2	76.5	76.0	76.2	75.0	74.6	73.9	73.3	73.2	73.2	73.0	73.0	76.6	75.3	73.5	73.1	
1965...	73.0	72.9	73.6	73.6	74.6	75.0	75.9	76.5	76.9	76.0	79.2	80.8	73.2	74.4	76.4	79.3	
1966...	82.8	84.3	85.2	87.0	88.5	89.8	90.9	92.4	93.2	93.8	95.2	95.0	84.1	88.4	92.2	94.7	
1967...	95.8	97.0	98.1	99.4	99.3	99.8	100.3	100.6	101.4	102.1	102.6	103.3	97.0	99.5	100.8	102.7	
1968...	102.9	104.0	102.9	101.1	102.4	103.3	102.9	103.2	102.4	101.1	101.4	101.2	103.3	102.3	102.8	101.2	
1969...	100.6	99.3	100.8	100.4	100.2	98.9	98.8	97.9	97.3	96.4	94.4	93.5	100.2	99.8	98.0	94.8	
1970...	92.6	90.7	89.2	87.4	85.3	84.1	82.7	81.0	79.5	77.9	76.7	75.7	90.8	85.6	81.1	76.8	
1971...	74.9	72.7	71.5	70.0	69.7	69.0	68.1	67.7	67.2	66.9	66.5	65.9	73.0	69.6	67.7	66.4	
1972...	66.0	66.3	66.4	66.8	66.9	67.1	67.0	67.3	67.5	67.8	68.3	68.5	66.2	66.9	67.3	68.2	
1973...	68.6	69.1	68.8	69.0	69.0	69.0	69.2	69.2	69.3	69.1	69.0	69.2	68.8	69.0	69.2	69.1	
1974...																	
1975...																	
675. INDEX OF AGGREGATE WEEKLY PAYROLLS, PRODUCTION WORKERS, DEFENSE PRODUCTS INDUSTRIES, NOT SEASONALLY ADJUSTED <sup>1</sup> (1967=100)																	
AVERAGE FOR PERIOD																	
1958...	57.1	55.8	56.0	55.4	54.8	56.3	55.7	57.0	58.4	58.4	59.4	60.5	56.3	55.5	57.0	59.4	57.1
1959...	59.8	59.5	59.0	58.5	58.4	59.3	58.4	58.8	59.6	59.7	59.4	59.9	59.4	58.7	58.9	59.7	59.2
1960...	58.7	58.1	57.7	58.5	58.7	58.9	58.6	59.0	59.2	58.2	57.2	57.2	58.2	58.7	58.9	56.9	56.2
1961...	57.2	56.9	56.7	55.9	55.2	55.4	55.1	55.9	58.2	59.5	60.9	62.2	56.9	55.5	56.4	60.9	57.4
1962...	61.6	61.8	61.9	61.3	61.0	60.7	60.7	62.0	63.3	64.0	64.7	65.4	61.8	61.0	62.0	64.7	62.4
1963...	64.8	63.6	62.2	60.8	61.0	61.6	60.8	61.3	62.8	63.2	62.6	63.7	63.5	61.1	61.6	63.2	62.4
1964...	62.3	61.1	60.6	60.1	59.3	59.2	58.1	58.6	60.1	60.8	61.4	62.3	61.3	59.5	58.9	61.5	60.3
1965...	61.5	60.8	61.8	60.6	62.9	63.2	63.8	65.1	67.1	69.3	72.5	75.4	61.4	62.2	65.3	72.4	65.3
1966...	77.1	78.1	79.1	79.7	82.9	83.5	84.4	86.7	89.4	91.3	94.3	94.5	78.1	82.0	86.8	93.4	85.1
1967...	94.7	95.3	97.2	96.9	97.6	98.0	98.1	99.5	102.2	104.3	106.7	109.6	95.7	97.5	99.9	106.9	100.0
1968...	107.0	107.3	105.7	100.4	103.8	105.7	104.3	106.0	108.2	107.4	109.4	110.6	106.7	103.3	106.2	109.1	106.3
1969...	107.5	105.8	108.3	106.2	106.6	105.3	104.8	105.3	107.5	107.1	106.2	107.0	107.2	106.0	105.9	106.6	106.5
1970...	102.7	99.1	97.9	94.6	91.6	91.3	88.9	88.1	88.9	86.9	87.6	88.0	99.9	92.5	88.6	87.5	92.1
1971...	84.6	80.8	79.5	75.6	76.9	76.3	74.5	75.2	76.7	76.3	77.0	78.3	81.6	76.3	75.5	77.2	77.6
1972...	76.2	76.0	76.9	79.3	79.4	80.7	79.3	82.0	84.8	85.9	89.3	92.1	77.7	79.8	82.0	89.1	82.2
1973...	88.7	89.9	89.9	88.9	89.7	90.3	89.7	91.2	94.5	94.8	96.4	99.2	89.5	89.6	91.8	96.8	91.9
1974...																	
1975...																	
675. INDEX OF AGGREGATE WEEKLY PAYROLLS, PRODUCTION WORKERS, DEFENSE PRODUCTS INDUSTRIES, SEASONALLY ADJUSTED <sup>2</sup> (1967=100)																	
AVERAGE FOR PERIOD																	
1958...	55.9	55.3	55.8	56.2	56.3	57.6	57.4	57.8	57.9	57.8	58.2	58.6	55.7	56.7	57.7	58.2	
1959...	58.6	58.9	58.7	59.3	60.0	60.7	60.3	59.6	59.2	59.1	58.2	58.0	58.7	60.0	59.7	58.4	
1960...	57.5	57.5	57.5	56.3	57.1	54.1	55.3	55.8	55.8	55.5	55.9	55.3	57.5	55.8	55.6	55.6	
1961...	56.1	56.3	56.5	56.8	56.6	56.6	56.9	56.8	57.9	58.7	59.5	60.2	56.3	56.7	57.2	59.5	
1962...	60.4	61.2	61.8	62.2	62.4	61.9	62.7	63.1	63.0	63.2	63.2	63.2	61.1	62.2	62.9	63.2	
1963...	63.5	63.1	62.1	61.8	62.3	62.7	62.7	62.4	62.6	62.4	61.1	61.5	62.9	62.3	62.6	61.7	
1964...	61.1	60.7	60.5	61.1	60.4	60.2	59.7	59.7	60.0	60.1	60.0	60.2	60.8	60.6	59.8	60.1	
1965...	60.4	60.5	61.7	61.6	64.0	64.2	65.5	66.2	67.0	68.6	70.9	72.9	60.9	63.3	66.2	70.8	
1966...	75.8	77.9	78.9	81.1	84.2	84.9	86.5	88.1	89.2	90.6	92.2	91.2	77.5	83.4	87.9	91.3	
1967...	93.3	95.2	96.9	98.6	99.2	99.7	100.5	101.0	101.6	103.6	104.2	105.6	95.1	99.2	101.1	104.5	
1968...	105.7	107.3	105.5	102.2	105.4	107.6	106.8	107.6	107.5	106.6	106.9	106.4	106.2	105.1	107.3	106.6	
1969...	106.4	105.9	108.1	108.0	108.2	107.1	107.5	106.8	106.6	106.4	103.8	102.8	106.8	107.6	107.0	104.3	
1970...	102.0	99.2	97.8	96.2	93.0	92.8	91.3	89.4	88.1	86.3	85.6	84.5	99.7	94.0	89.6	85.5	
1971...	85.0	82.7	81.9	78.6	78.0	77.4	76.0	75.4	76.0	75.9	76.4	77.0	81.4	76.3	75.3	75.0	
1972...	75.9	77.9	78.8	80.5	80.6	81.8	81.6	83.4	84.1	85.4	87.2	88.3	77.5	80.9	83.0	87.0	
1973...	88.5	89.7	89.8	90.2	91.0	91.4	92.4	92.9	93.3	94.2	94.0	95.1	89.3	90.9	93.0	94.4	
1974...																	
19																	



# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
680. DEFENSE DEPARTMENT NET OUTLAYS, TOTAL, MILITARY FUNCTIONS AND MILITARY ASSISTANCE, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1949...	...	...	...	...	...	...	1,005	1,126	986	967	1,009	1,067	...	...	3,117	3,043	...
1950...	993	916	1,019	937	1,002	824	974	1,116	1,033	1,283	1,464	1,530	2,928	2,763	3,123	4,277	13,091
1951...	1,651	1,643	2,060	2,170	2,463	2,609	2,978	3,052	2,630	3,242	3,174	3,223	5,354	7,242	8,660	9,639	30,895
1952...	3,534	3,292	3,585	3,929	3,907	3,747	4,098	3,206	4,084	3,923	3,497	4,272	10,411	11,583	11,368	11,692	45,074
1953...	3,814	3,735	4,216	4,191	3,957	4,316	4,452	3,720	3,862	3,947	3,472	3,961	11,765	12,464	11,034	11,380	46,643
1954...	3,366	3,397	3,574	3,425	3,112	4,270	2,784	3,101	3,013	3,087	3,024	3,428	10,337	10,807	8,898	9,539	39,581
1955...	2,963	2,862	3,357	3,132	3,099	3,792	2,638	3,190	3,405	3,013	2,923	3,292	9,182	10,023	9,233	9,228	37,666
1956...	2,970	3,002	3,082	3,096	3,227	4,436	2,666	3,368	2,983	3,559	3,351	3,362	9,054	10,759	9,017	10,272	39,102
1957...	3,535	3,374	3,490	3,629	3,699	3,774	3,441	3,658	3,207	3,389	3,240	3,467	10,399	11,102	10,306	10,096	41,903
1958...	3,349	3,275	3,339	3,412	3,408	4,063	3,491	3,323	3,643	3,971	3,356	3,981	9,963	10,883	10,457	11,308	42,611
1959...	3,460	3,355	3,634	3,674	3,409	4,275	3,513	3,467	3,558	3,715	3,465	3,968	10,449	11,358	10,538	11,148	43,493
1960...	3,277	3,488	3,749	3,438	3,448	3,737	3,249	3,730	3,679	3,510	3,647	3,986	10,514	10,623	10,658	11,143	42,938
1961...	3,497	3,550	4,043	3,526	3,891	4,368	3,205	3,808	3,646	3,837	4,035	4,072	11,090	11,785	10,659	11,944	45,478
1962...	4,044	3,868	4,338	4,046	4,528	4,778	3,692	4,208	3,823	4,360	4,331	4,125	12,250	13,352	11,723	12,816	50,141
1963...	4,304	3,937	3,289	4,289	4,244	4,370	3,973	4,156	4,015	4,391	3,921	4,290	11,530	12,903	12,144	12,602	49,179
1964...	4,117	4,040	4,143	4,321	4,418	5,461	3,264	3,544	3,776	3,985	3,792	4,244	12,300	14,200	10,784	12,021	49,305
1965...	3,770	3,644	4,288	4,145	4,045	4,704	3,627	4,162	4,354	4,295	4,326	4,907	11,702	12,894	12,143	13,528	50,267
1966...	4,403	4,297	5,397	4,811	4,673	6,125	4,667	5,404	5,773	5,346	5,339	5,757	14,097	15,609	15,044	16,442	61,992
1967...	5,962	5,579	6,695	6,117	5,934	5,963	6,166	6,587	6,356	6,436	6,194	5,825	18,236	18,014	19,109	18,455	73,814
1968...	6,977	6,218	6,121	6,906	6,986	7,368	6,610	6,502	6,484	6,816	6,415	6,678	19,316	21,260	18,596	19,910	79,082
1969...	6,644	6,234	6,626	6,726	6,531	7,408	6,330	6,667	6,556	7,053	6,123	6,616	19,504	20,665	19,553	19,792	79,514
1970...	6,475	6,028	6,419	6,604	6,323	6,692	6,630	6,082	6,178	6,161	5,781	6,551	18,922	19,619	18,890	16,493	75,924
1971...	5,985	5,813	6,508	6,131	5,836	7,889	5,001	5,441	5,840	5,943	5,972	6,498	18,306	19,858	16,282	18,413	72,859
1972...	5,973	6,128	6,944	6,539	6,911	8,769	4,987	5,679	5,212	6,107	6,313	6,063	19,045	22,219	15,878	18,483	75,625
1973...	6,388	6,054	6,736	6,222	6,213	7,854	5,005	6,649	5,967	6,527	6,766	5,953	19,178	20,289	17,621	19,246	76,334
1974...																	
1975...																	
680. DEFENSE DEPARTMENT NET OUTLAYS, TOTAL, MILITARY FUNCTIONS AND MILITARY ASSISTANCE, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1949...	...	...	...	...	...	...	1,078	1,076	1,040	1,011	1,008	1,014	...	...	3,194	3,033	...
1950...	1,015	998	950	960	954	768	1,049	1,055	1,132	1,291	1,458	1,533	2,963	2,882	3,236	4,282	13,091
1951...	1,630	1,783	1,975	2,154	2,317	2,523	3,133	2,911	2,983	3,129	3,167	3,224	5,368	6,994	9,027	9,520	30,895
1952...	3,460	3,412	3,613	3,747	3,804	3,591	4,196	3,328	4,229	3,742	3,843	3,965	10,485	11,142	11,753	11,550	45,074
1953...	3,861	4,022	4,107	3,989	4,079	3,867	3,621	3,868	3,981	3,847	3,721	3,631	11,990	11,935	11,470	11,199	46,643
1954...	3,600	3,643	3,369	3,270	3,220	3,758	3,041	3,117	3,062	3,160	3,108	3,160	10,612	10,248	9,220	9,428	39,581
1955...	3,172	3,046	3,149	3,151	3,118	3,253	3,049	3,097	3,447	3,069	3,010	3,123	9,367	9,522	9,593	9,202	37,666
1956...	3,077	3,059	3,004	3,166	3,121	3,917	2,950	3,254	3,288	3,364	3,399	3,359	9,140	10,204	9,462	10,122	39,102
1957...	3,508	3,580	3,601	3,562	3,621	3,455	3,642	3,633	3,412	3,173	3,416	3,335	10,689	10,638	10,687	9,924	41,902
1958...	3,363	3,475	3,435	3,375	3,429	3,607	3,636	3,487	3,686	3,758	3,661	3,681	10,273	10,411	10,809	11,100	42,611
1959...	3,590	3,552	3,588	3,624	3,610	3,631	3,692	3,649	3,607	3,631	3,630	3,617	10,730	10,865	10,946	10,878	43,493
1960...	3,586	3,537	3,513	3,540	3,490	3,176	3,734	3,665	3,682	3,628	3,645	3,752	10,636	10,206	11,081	11,029	42,938
1961...	3,672	3,759	3,800	3,781	3,770	3,711	3,720	3,713	3,808	3,837	4,001	4,054	11,231	11,262	11,241	11,892	45,478
1962...	4,068	4,096	4,179	4,187	4,302	4,256	4,176	4,136	4,149	4,208	4,290	4,122	12,343	12,745	12,461	12,620	50,141
1963...	4,253	4,177	3,322	4,226	4,048	4,057	4,356	4,203	4,193	4,188	4,091	4,163	11,752	12,331	12,752	12,442	49,179
1964...	4,094	4,258	4,001	4,237	4,590	4,674	3,566	3,768	3,949	3,918	4,030	3,958	12,313	13,501	11,283	11,904	49,305
1965...	3,992	3,899	3,961	4,036	4,236	4,035	4,069	4,255	4,261	4,449	4,423	4,639	11,652	12,307	12,585	13,511	50,267
1966...	4,634	4,618	4,900	4,884	4,753	5,214	5,521	5,315	5,599	5,521	5,515	5,627	14,152	14,851	16,435	16,663	61,992
1967...	6,028	6,021	6,091	6,460	5,830	5,061	7,279	6,404	6,434	6,399	6,375	6,022	18,140	17,351	20,117	18,796	73,814
1968...	6,794	6,346	6,025	6,724	6,959	6,769	6,022	6,343	6,663	6,495	6,805	6,842	19,165	20,452	19,026	20,142	79,082
1969...	6,471	6,714	6,608	6,490	6,714	6,571	6,715	6,838	6,473	6,747	6,764	6,583	19,793	19,775	20,026	20,064	79,514
1970...	6,495	6,485	6,194	6,323	6,416	6,555	7,302	6,519	6,276	6,136	6,094	6,341	19,714	18,394	20,097	18,571	75,924
1971...	6,201	6,162	6,082	5,813	5,982	6,540	5,771	5,712	5,959	6,139	6,070	6,217	18,445	18,335	17,442	16,426	72,859
1972...	6,280	6,205	6,341	6,722	6,623	7,130	6,107	5,766	5,502	6,237	6,303	6,232	18,826	20,475	17,375	18,772	75,625
1973...	6,256	6,377	6,366	6,194	5,896	6,597	5,978	6,716	6,596	6,444	6,683	6,228	18,999	18,687	19,292	19,355	76,334
1974...																	
1975...																	
680. DEFENSE DEPARTMENT NET OUTLAYS, TOTAL, MILITARY FUNCTIONS AND MILITARY ASSISTANCE, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (MILLIONS OF DOLLARS)																	
1949...	...	...	...	...	...	...	...	...	...	1,038	1,027	1,014					
1950...	999	991	982	941	947	956	986	1,042	1,126	1,253	1,350	1,471					
1951...	1,612	1,756	1,899	2,054	2,314	2,502	2,670	2,833	2,974	3,091	3,146	3,229					
1952...	3,334	3,437	3,539	3,605	3,727	3,713	3,816	3,815	3,822	3,884	3,828	3,944					
1953...	3,923	3,965	4,004	3,988	3,948	3,922	3,901	3,877	3,818	3,778	3,775	3,737					
1954...	3,635	3,539	3,456	3,477	3,384	3,296	3,245	3,226	3,208	3,106	3,130	3,118					
1955...	3,133	3,131	3,133	3,148	3,128	3,136	3,186	3,172	3,154	3,1							

# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
681. DEFENSE DEPARTMENT NET OUTLAYS, OPERATIONS, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
TOTAL FOR PERIOD																	
1959...	...	...	...	...	...	...	1,875	1,826	1,854	1,940	1,811	1,936	...	...	5,555	5,687	...
1960...	1,676	1,837	1,947	1,698	1,806	1,877	1,816	1,982	1,936	1,862	1,878	1,950	5,460	5,381	5,734	5,690	22,265
1961...	1,813	1,798	1,950	1,787	1,950	2,128	1,736	2,034	1,962	2,036	2,109	2,061	5,561	5,865	5,732	6,206	23,364
1962...	2,048	1,970	2,073	2,034	2,295	2,312	1,879	2,226	1,921	2,171	2,038	2,079	6,091	6,641	6,026	6,288	25,046
1963...	2,030	2,000	2,004	2,037	2,177	2,282	2,045	2,087	2,068	2,233	2,148	2,131	6,034	6,496	6,200	6,512	25,242
1964...	2,146	2,098	2,071	2,246	2,148	2,706	2,627	2,187	2,215	2,326	2,169	2,251	6,315	7,100	6,429	6,746	26,590
1965...	2,243	2,058	2,233	2,368	2,143	2,900	2,170	2,192	2,378	2,601	2,624	2,732	6,534	7,411	6,740	7,957	28,642
1966...	2,524	2,477	2,689	2,765	2,700	3,611	2,475	3,024	3,469	3,081	2,997	3,009	7,690	9,076	8,968	9,087	34,821
1967...	3,267	3,219	3,516	3,416	3,335	3,980	2,898	3,722	3,382	3,641	3,456	3,397	10,002	10,731	10,002	10,494	41,229
1968...	3,550	3,273	3,416	3,622	3,759	4,417	3,237	3,732	3,896	3,725	3,779	4,001	10,239	11,798	10,865	11,505	44,407
1969...	3,631	3,761	3,609	4,037	3,907	4,727	3,527	4,187	3,885	4,095	3,920	3,855	11,001	12,671	11,599	11,870	47,141
1970...	3,877	3,680	3,782	4,186	4,011	4,482	3,844	3,859	3,887	3,868	3,615	3,971	11,339	12,679	11,590	11,454	47,062
1971...	3,687	3,685	3,954	4,031	3,745	4,812	3,632	3,710	3,825	3,845	3,877	4,188	11,326	12,588	11,167	11,910	46,991
1972...	3,971	4,013	4,307	4,294	4,535	4,271	3,972	3,928	3,805	3,925	4,084	4,012	12,291	13,100	11,705	12,021	49,117
1973...	4,119	3,988	4,217	4,087	4,033	4,537	3,669	4,279	4,027	4,105	4,359	4,066	12,324	12,657	11,975	12,530	49,486
1974...																	
1975...																	
681. DEFENSE DEPARTMENT NET OUTLAYS, OPERATIONS, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
TOTAL FOR PERIOD																	
1959...	...	...	...	...	...	...	1,933	1,851	1,840	1,886	1,852	1,836	...	...	5,624	5,574	...
1960...	1,791	1,849	1,924	1,763	1,830	1,858	1,992	1,896	1,923	1,866	1,858	1,897	5,564	5,251	5,811	5,621	22,265
1961...	1,915	1,884	1,903	1,919	1,902	1,875	1,932	1,953	1,996	2,001	2,078	2,058	5,702	5,696	5,881	6,137	23,364
1962...	2,070	2,071	2,111	2,107	2,250	2,053	2,069	2,117	2,036	2,050	2,014	2,108	6,252	6,410	6,222	6,172	25,046
1963...	2,050	2,113	2,099	2,051	2,114	2,058	2,187	2,071	2,142	2,111	2,174	2,140	6,262	6,223	6,400	6,425	25,242
1964...	2,114	2,197	2,152	2,202	2,234	2,886	2,166	2,253	2,236	2,241	2,215	2,202	6,463	6,722	6,655	6,658	26,590
1965...	2,331	2,191	2,234	2,312	2,266	2,376	2,434	2,223	2,396	2,553	2,643	2,656	6,756	6,954	7,053	7,852	28,642
1966...	2,618	2,642	2,701	2,741	2,826	2,922	2,862	2,962	3,517	3,038	2,986	3,049	7,961	8,489	8,341	9,073	34,821
1967...	3,304	3,345	3,481	3,496	3,371	3,721	3,429	3,581	3,437	3,588	3,429	3,526	10,230	10,088	10,447	10,543	41,229
1968...	3,498	3,363	3,557	3,590	3,702	3,777	3,666	3,653	3,955	3,594	3,844	4,162	10,438	11,069	11,274	11,600	44,407
1969...	3,512	4,012	3,824	3,903	4,015	3,958	4,017	4,107	3,920	3,883	4,090	3,904	11,348	11,876	12,044	11,877	47,141
1970...	3,920	3,917	3,886	3,965	4,048	3,820	4,078	4,015	3,932	3,935	3,741	3,924	11,723	11,833	12,025	11,600	47,062
1971...	3,769	3,877	3,911	3,822	3,842	4,026	3,972	3,832	3,867	3,971	3,996	4,059	11,557	11,690	11,671	12,026	46,991
1972...	4,144	4,069	4,112	4,248	4,056	3,615	4,336	3,937	3,975	4,079	4,074	4,093	12,325	12,322	12,344	12,246	49,117
1973...	4,107	4,162	4,167	3,970	3,946	3,935	4,018	4,228	4,316	4,156	4,378	4,226	12,436	11,851	12,562	12,760	49,486
1974...																	
1975...																	
682. DEFENSE DEPARTMENT NET OUTLAYS, PROCUREMENT, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
TOTAL FOR PERIOD																	
1953...	...	...	...	...	...	...	1,204	1,586	1,491	1,617	1,127	1,107	...	...	4,281	3,851	...
1954...	1,369	1,441	1,297	1,164	1,089	1,468	1,032	1,318	1,103	1,289	1,189	1,394	4,107	3,721	3,453	3,872	15,153
1955...	1,165	1,050	1,326	1,163	1,276	1,462	952	1,137	1,130	1,109	1,024	1,236	3,541	3,901	3,219	3,369	14,030
1956...	1,005	1,175	1,105	1,221	1,174	1,987	901	1,121	1,005	1,264	1,223	1,274	3,285	4,382	3,027	3,761	16,455
1957...	1,361	1,352	1,391	1,471	1,377	1,651	1,351	1,364	1,219	1,156	1,302	1,392	4,104	4,509	3,934	3,850	16,397
1958...	1,271	1,333	1,409	1,360	1,374	1,630	1,260	1,210	1,330	1,482	1,307	1,494	4,013	4,384	3,800	4,283	16,480
1959...	1,264	1,319	1,365	1,412	1,325	1,758	1,197	1,191	1,450	1,475	1,266	1,478	3,948	4,495	3,838	4,219	16,500
1960...	1,094	1,173	1,227	1,230	1,119	1,269	1,044	1,127	1,200	1,184	1,239	1,399	3,494	2,638	3,371	3,822	13,325
1961...	1,126	1,257	1,432	1,209	1,317	1,407	1,105	1,181	1,229	1,204	1,317	1,391	3,815	3,933	3,515	3,912	15,175
1962...	1,307	1,287	1,474	1,345	1,456	1,606	1,133	1,144	1,216	1,283	1,403	1,311	4,068	4,407	3,663	3,997	16,135
1963...	1,362	1,239	1,353	1,420	1,665	1,962	1,198	1,204	1,198	1,336	1,234	1,256	3,954	5,047	3,600	3,826	16,427
1964...	1,132	1,234	1,147	1,203	1,493	1,715	1,001	825	969	970	968	1,482	3,513	4,411	2,795	3,420	14,139
1965...	917	873	1,081	1,077	1,077	601	1,162	1,124	1,056	1,046	955	1,460	2,871	2,755	3,342	3,461	12,429
1966...	1,095	1,070	1,086	1,177	1,030	1,269	1,560	1,367	1,465	1,293	1,343	1,628	3,651	3,885	4,392	4,264	16,192
1967...	1,680	1,491	1,903	1,783	1,850	1,649	2,037	1,982	2,041	2,005	1,890	1,704	5,074	5,282	6,060	5,999	22,015
1968...	2,274	1,913	1,680	2,109	1,608	2,041	1,627	2,053	1,944	2,081	2,015	1,985	5,867	5,758	6,624	6,081	25,377
1969...	2,089	1,950	2,156	2,009	1,921	2,156	1,758	1,861	1,884	2,063	1,688	1,840	6,197	6,086	5,503	5,591	23,377
1970...	1,698	1,632	2,035	1,804	1,687	1,633	1,807	1,545	1,694	1,590	1,509	1,734	5,365	5,124	5,046	4,833	20,368
1971...	1,440	1,423	1,549	1,343	1,346	1,878	895	1,143	1,313	1,317	1,322	1,366	4,412	4,567	3,351	4,005	16,335
1972...	1,276	1,367	1,666	1,456	1,621	2,390	1,675	975	1,072	1,306	1,254	1,084	4,309	5,467	3,722	3,644	17,142
1973...	1,395	1,243	1,439	1,287	1,315	1,649	863	1,450	1,239	1,487	1,268	1,124	4,037	4,251	3,552	3,879	15,719
1974...																	
1975...																	
682. DEFENSE DEPARTMENT NET OUTLAYS, PROCUREMENT, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
TOTAL FOR PERIOD																	
1953...	...	...	...	...	...	...	1,461	1,614	1,569	1,511	1,311	993	...	...	4,644	3,615	...
1954...	1,436	1,433	1,258	1,129	1,187	1,168	1,248	1,305	1,181	1,253	1,298	1,276	4,127	3,484	3,734	3,827	15,153
1955...	1,259	1,046	1,244	1,148	1,341	1,180	1,179	1,123	1,197	1,111	1,082	1,136	3,549	3,669	3,499	3,329	14,030
1956...	1,060	1,137	1,054	1,257	1,170	1,609	1,096	1,131	1,114	1,200	1,270	1,247	3,251	4,036	3,341	3,717	16,455
1957...	1,384	1,357	1,374	1,429	1,387	1,999	1,592	1,422	1,351	1,067	1,348	1,312	4,115	4,215	3,365	3,727	16,397

# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
682. DEFENSE DEPARTMENT NET OUTLAYS, PROCUREMENT, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (MILLIONS OF DOLLARS)																	
1953...	...	...	...	...	...	...	...	...	...	...	1,410	1,406	1,376				
1954...	1,324	1,260	1,239	1,268	1,237	1,216	1,203	1,224	1,242	1,260	1,262	1,219					
1955...	1,229	1,212	1,219	1,203	1,190	1,202	1,195	1,189	1,145	1,138	1,118	1,121					
1956...	1,097	1,121	1,135	1,214	1,220	1,219	1,229	1,220	1,237	1,176	1,224	1,262					
1957...	1,306	1,344	1,363	1,389	1,423	1,434	1,430	1,370	1,363	1,349	1,305	1,293					
1958...	1,304	1,348	1,352	1,369	1,385	1,385	1,376	1,387	1,388	1,382	1,366	1,365					
1959...	1,357	1,356	1,353	1,369	1,375	1,380	1,403	1,405	1,401	1,376	1,346	1,315					
1960...	1,260	1,230	1,194	1,016	1,023	1,030	1,043	1,041	1,057	1,228	1,226	1,238					
1961...	1,262	1,267	1,272	1,258	1,277	1,269	1,255	1,250	1,260	1,281	1,289	1,306					
1962...	1,328	1,358	1,356	1,370	1,354	1,363	1,348	1,332	1,348	1,327	1,344	1,331					
1963...	1,334	1,351	1,364	1,450	1,432	1,424	1,422	1,413	1,381	1,279	1,259	1,264					
1964...	1,230	1,203	1,217	1,275	1,249	1,185	1,167	1,137	1,092	1,057	1,051	1,058					
1965...	1,060	1,068	1,054	924	949	990	1,005	1,019	1,025	1,155	1,165	1,163					
1966...	1,203	1,209	1,193	1,230	1,285	1,324	1,351	1,396	1,486	1,473	1,514	1,555					
1967...	1,593	1,659	1,718	1,707	1,780	1,827	1,881	1,918	1,946	2,000	2,004	2,009					
1968...	1,939	1,935	1,875	1,898	1,806	1,813	1,879	1,874	1,953	1,979	2,038	2,054					
1969...	2,070	2,061	2,036	2,029	1,989	1,959	1,911	1,918	1,896	1,876	1,864	1,833					
1970...	1,843	1,803	1,790	1,714	1,737	1,724	1,689	1,653	1,631	1,690	1,638	1,614					
1971...	1,562	1,523	1,482	1,453	1,350	1,299	1,289	1,295	1,293	1,265	1,339	1,368					
1972...	1,393	1,424	1,453	1,547	1,620	1,555	1,494	1,456	1,417	1,290	1,216	1,271					
1973...	1,301	1,306	1,291	1,322	1,245	1,276	1,285	1,300	1,318	1,298	1,357	1,318					
1974...																	
1975...																	
683. BUDGET OUTLAYS FOR THE NATIONAL DEFENSE FUNCTION, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
												TOTAL FOR PERIOD					
1953...	3,715	3,734	3,820	3,882	3,921	3,818	3,909	4,042	4,071	4,037	3,995	3,909	11,269	11,181	12,022	11,941	46,413
1954...	3,917	3,798	3,732	3,612	3,572	3,429	3,353	3,351	3,249	3,227	3,439	3,470	11,447	11,113	9,953	10,236	42,789
1955...	3,446	3,234	3,603	3,433	3,445	3,482	3,472	3,444	3,483	3,348	3,215	3,279	10,283	10,360	10,399	9,842	40,884
1956...	3,168	3,271	3,222	3,349	3,385	3,895	3,250	3,418	3,393	3,573	3,635	3,597	9,661	10,629	10,061	10,805	41,156
1957...	3,761	3,782	3,797	3,882	3,712	3,645	3,727	3,812	3,727	3,407	3,624	3,579	11,340	11,239	11,266	10,610	44,455
1958...	3,707	3,724	3,722	3,620	3,694	3,871	3,885	3,688	3,908	3,986	3,927	3,952	11,153	11,185	11,481	11,865	45,684
1959...	3,817	3,808	3,838	3,849	3,836	3,874	3,914	3,862	3,835	3,863	3,860	3,901	11,463	11,559	11,611	11,624	46,257
1960...	3,807	3,769	3,733	3,728	3,744	3,437	3,888	3,906	3,926	3,846	3,909	3,984	11,309	10,909	11,720	11,739	45,677
1961...	3,893	4,013	3,994	3,975	4,051	3,938	3,930	3,949	4,020	4,080	4,238	4,235	11,900	11,964	11,699	12,553	48,316
1962...	4,380	4,353	4,355	4,444	4,577	4,511	4,397	4,363	4,396	4,479	4,511	4,387	13,088	13,532	13,156	13,377	53,156
1963...	4,515	4,366	4,456	4,451	4,306	4,311	4,525	4,501	4,457	4,506	4,215	4,437	13,337	13,068	13,483	13,158	53,046
1964...	4,291	4,591	4,185	4,444	4,650	4,985	3,798	4,027	4,208	4,145	4,252	4,200	13,067	14,279	12,033	12,597	51,976
1965...	4,208	4,104	4,132	4,203	4,580	4,258	4,229	4,492	4,465	4,594	4,642	4,804	12,444	13,041	13,186	14,040	52,711
1966...	4,896	4,807	5,057	5,000	5,076	5,424	5,671	5,506	5,805	5,728	5,681	5,710	14,760	15,500	16,982	17,119	64,361
1967...	6,372	6,181	6,224	6,589	6,159	5,211	7,508	6,615	6,626	6,649	6,611	6,096	18,777	17,959	20,749	19,356	76,841
1968...	7,068	6,559	6,157	6,816	7,095	6,863	5,857	6,930	6,811	6,719	7,075	7,133	19,784	20,774	19,598	20,927	81,083
1969...	6,701	6,954	6,803	6,684	6,838	6,833	6,904	6,992	6,674	6,931	7,066	6,818	20,458	20,355	20,570	20,815	82,198
1970...	6,609	6,648	6,452	6,491	6,705	5,796	7,410	6,612	6,475	6,310	6,306	6,535	19,709	18,992	20,497	19,151	78,349
1971...	6,436	6,219	6,258	5,990	6,190	6,784	5,777	5,923	6,077	6,361	6,278	6,441	18,913	18,964	17,777	19,080	74,734
1972...	6,449	6,442	6,582	6,912	6,684	7,574	5,976	6,136	6,667	6,472	6,499	6,320	19,473	21,170	17,779	19,291	77,713
1973...	6,534	6,563	6,561	6,500	6,164	6,666	5,849	6,776	6,754	6,542	6,735	6,416	19,658	19,330	19,379	19,693	78,060
1974...																	
1975...																	
683. BUDGET OUTLAYS FOR THE NATIONAL DEFENSE FUNCTION, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA <sup>1</sup> (MILLIONS OF DOLLARS)																	
1953...	...	...	...	3,742	3,774	3,825	3,867	3,900	3,912	3,994	3,995	3,955					
1954...	3,898	3,827	3,757	3,760	3,666	3,592	3,511	3,464	3,441	3,365	3,380	3,361					
1955...	3,420	3,438	3,439	3,441	3,445	3,480	3,460	3,446	3,407	3,374	3,323	3,294					
1956...	3,251	3,251	3,279	3,382	3,395	3,420	3,448	3,486	3,527	3,478	3,563	3,624					
1957...	3,691	3,742	3,755	3,763	3,758	3,763	3,751	3,672	3,657	3,646	3,643	3,628					
1958...	3,627	3,663	3,674	3,723	3,753	3,747	3,778	3,839	3,878	3,891	3,880	3,900					
1959...	3,888	3,865	3,850	3,837	3,853	3,862	3,862	3,864	3,868	3,873	3,855	3,839					
1960...	3,822	3,800	3,780	3,703	3,717	3,739	3,772	3,791	3,819	3,910	3,911	3,929					
1961...	3,940	3,961	3,985	3,977	3,984	3,973	3,977	3,985	4,026	4,075	4,150	4,218					
1962...	4,274	4,334	4,391	4,437	4,440	4,441	4,448	4,454	4,443	4,422	4,442	4,442					
1963...	4,452	4,448	4,414	4,401	4,403	4,425	4,425	4,434	4,419	4,440	4,401	4,416					
1964...	4,371	4,361	4,466	4,558	4,476	4,382	4,385	4,336	4,236	4,105	4,173	4,186					
1965...	4,174	4,183	4,238	4,248	4,251	4,316	4,371	4,436	4,447	4,538	4,649	4,701					
1966...	4,800	4,868	4,940	5,043	5,173	5,289	5,414	5,535	5,636	5,684	5,800	5,913					
1967...	5,983	6,126	6,206	6,123	6,312	6,384	6,451	6,461	6,537	6,684	6,611	6,602					
1968...	6,523	6,551	6,632	6,760	6,558	6,620	6,729	6,713	6,709	6,754	6,895	6,899					
1969...	6,898	6,892	6,852	6,802	6,836	6,842	6,821	6,862	6,900	6,898	6,848	6,791					
1970...	6,754	6,681	6,620	6,450	6,584	6,578	6,581	6,551	6,485	6,608	6,446	6,380					
1971...	6,344	6,291	6,271	6,313	6,203	6,153	6,123	6,185	6,200	6,143	6,255	6,341					
1972...	6,425	6,517	6,585	6,774	6,695	6,644	6,492	6,418	6,367	6,178	6,271	6,342					
1973...	6,492	6,496	6,440	6,498	6,384	6,419	6,451	6,458	6,554	6,512	6,632	6,642					
1974...																	
1975...																	
685. DEFENSE DEPARTMENT PERSONNEL COMPENSATION, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
												TOTAL FOR PERIOD					
1966...	...	...	...	...	...	...	...	...	...	...	...	...	5,118	5,264	5,656	5,741	21,779

# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
685. DEFENSE DEPARTMENT PERSONNEL COMPENSATION, SEASONALLY ADJUSTED <sup>1</sup> (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1966....	***	***	***	***	***	***	***	***	***	***	***	***	5,149	5,360	5,540	5,724	
1967....	1,929	1,949	1,957	1,975	1,988	2,035	1,995	1,993	2,002	2,031	2,078	2,187	5,835	5,998	5,990	6,296	
1968....	2,125	2,106	2,139	2,199	2,212	2,225	2,241	2,254	2,282	2,302	2,283	2,266	6,370	6,636	6,777	6,851	
1969....	2,295	2,310	2,337	2,337	2,355	2,400	2,448	2,496	2,503	2,471	2,467	2,452	6,942	7,092	7,487	7,390	
1970....	2,437	2,434	2,439	2,650	2,716	2,539	2,480	2,473	2,476	2,464	2,490	2,485	7,310	7,905	7,429	7,339	
1971....	2,538	2,533	2,531	2,531	2,558	2,524	2,504	2,504	2,519	2,548	2,621	2,649	7,602	7,613	7,527	7,818	
1972....	2,687	2,642	2,686	2,660	2,571	2,700	2,667	2,661	2,682	2,673	2,653	2,681	8,015	7,931	8,010	8,007	
1973....	2,686	2,720	2,693	2,686	2,666	2,655	2,707	2,705	2,720	2,732	2,771	2,663	8,099	8,007	8,132	8,166	
1974....																	
1975....																	

Year	Quarterly				Annual	Year	Quarterly				Annual					
	I Q	II Q	III Q	IV Q			I Q	II Q	III Q	IV Q						
650. MANUFACTURERS' NEW ORDERS FROM THE U.S. GOVERNMENT, AEROSPACE INDUSTRIES, SEASONALLY ADJ. <sup>2</sup> (MILLION DOL.)												664. MANUFACTURERS' UNFULFILLED ORDERS FROM THE U.S. GOVERNMENT, AEROSPACE INDUSTRIES, SEASONALLY ADJ. <sup>2</sup> (MILLION DOL.)				END OF YEAR
TOTAL																
1952.....	2,639	2,172	3,399	3,175	11,385	1952.....	13,781	14,379	16,080	17,444	17,444					
1953.....	3,192	2,717	1,468	595	7,972	1953.....	18,502	19,001	18,386	16,554	16,554					
1954.....	1,529	1,334	1,685	1,717	6,265	1954.....	16,187	15,371	15,093	14,661	14,661					
1955.....	1,555	2,099	2,197	3,168	9,019	1955.....	14,036	13,968	14,153	15,503	15,503					
1956.....	2,803	3,265	3,942	2,380	12,390	1956.....	16,179	17,209	18,757	18,097	18,097					
1957.....	2,322	1,611	1,211	2,605	7,749	1957.....	17,036	16,304	16,771	14,359	14,359					
1958.....	2,851	2,393	2,378	2,529	10,151	1958.....	14,168	13,695	13,356	13,094	13,094					
1959.....	2,207	3,189	2,214	2,608	10,218	1959.....	12,542	12,862	12,342	12,036	12,036					
1960.....	2,973	2,718	3,328	2,471	11,490	1960.....	12,051	11,955	12,756	12,421	12,421					
1961.....	2,208	2,638	2,572	3,030	10,448	1961.....	11,673	11,450	11,127	11,018	11,018					
1962.....	2,561	2,859	3,194	3,341	11,955	1962.....	10,578	10,370	10,468	10,556	10,556					
1963.....	4,064	3,492	3,741	2,750	14,047	1963.....	10,926	11,139	11,521	10,928	10,928					
1964.....	3,857	3,723	3,032	2,913	13,525	1964.....	11,607	11,848	11,868	11,605	11,605					
1965.....	3,052	3,652	3,451	4,344	14,499	1965.....	11,561	11,992	12,593	13,628	13,628					
1966.....	4,136	3,364	4,913	3,662	16,075	1966.....	14,301	13,841	15,642	15,948	15,948					
1967.....	3,966	3,408	3,906	3,352	16,632	1967.....	15,438	16,368	16,658	17,627	17,627					
1968.....	4,056	4,555	4,560	3,348	16,521	1968.....	16,009	16,024	17,227	16,117	16,117					
1969.....	4,927	2,754	3,290	3,636	14,607	1969.....	16,982	15,298	14,783	14,101	14,101					
1970.....	3,279	4,203	3,936	3,687	15,105	1970.....	13,341	13,277	13,126	12,869	12,869					
1971.....	4,040	3,548	3,843	3,730	15,161	1971.....	12,891	12,431	13,013	13,826	13,826					
1972.....	3,399	4,369	3,453	3,585	14,806	1972.....	14,052	15,233	14,819	15,106	15,106					
1973.....	4,060	4,095	3,568	4,199	15,922	1973.....	15,533	16,084	15,904	16,448	16,448					
1974.....						1974.....										
1975.....						1975.....										

666. DEFENSE DEPARTMENT PROGRESS PAYMENTS OUTSTANDING, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)						END OF YEAR		689. MANUFACTURERS' SHIPMENTS TO THE U.S. GOVERNMENT, AEROSPACE INDUSTRIES, SEASONALLY ADJ. <sup>2</sup> (MILLION DOL.)						TOTAL	
1952.....	***	***	***	***	***	***	***	1952.....	1,350	1,491	1,667	1,969	6,477		
1953.....	***	***	***	***	***	***	***	1953.....	2,104	2,131	2,164	2,111	8,510		
1954.....	4,547	4,347	4,207	4,438	4,438	4,438	4,438	1954.....	2,097	2,106	2,049	2,049	8,301		
1955.....	4,283	4,265	4,192	4,055	4,055	4,055	4,055	1955.....	2,231	2,134	2,092	2,012	8,469		
1956.....	4,221	4,470	3,889	3,817	3,817	3,817	3,817	1956.....	2,023	2,190	2,379	2,863	9,455		
1957.....	3,916	4,046	4,072	3,898	3,898	3,898	3,898	1957.....	2,799	2,965	3,005	2,978	11,747		
1958.....	3,625	3,297	2,861	2,641	2,641	2,641	2,641	1958.....	3,008	2,829	2,845	2,793	11,475		
1959.....	2,626	2,201	2,257	2,189	2,189	2,189	2,189	1959.....	2,698	2,793	2,891	2,862	11,244		
1960.....	2,343	2,358	2,335	2,462	2,462	2,462	2,462	1960.....	2,880	2,868	2,632	2,683	11,003		
1961.....	2,534	2,529	2,391	2,344	2,344	2,344	2,344	1961.....	2,844	2,987	2,966	2,963	11,760		
1962.....	2,441	2,361	2,554	2,823	2,823	2,823	2,823	1962.....	3,136	3,053	3,151	3,211	12,551		
1963.....	3,115	3,303	3,226	3,308	3,308	3,308	3,308	1963.....	3,245	3,191	3,495	3,270	13,201		
1964.....	3,347	3,239	3,243	3,207	3,207	3,207	3,207	1964.....	3,216	3,349	3,126	3,119	12,810		
1965.....	3,257	3,545	3,939	3,934	3,934	3,934	3,934	1965.....	3,095	3,063	3,079	3,285	12,522		
1966.....	4,402	4,346	4,750	5,461	5,461	5,461	5,461	1966.....	3,418	3,532	3,610	3,749	14,509		
1967.....	5,981	6,765	7,179	7,491	7,491	7,491	7,491	1967.....	3,836	4,044	4,130	4,290	16,300		
1968.....	7,681	8,237	8,193	8,554	8,554	8,554	8,554	1968.....	4,298	3,965	4,144	4,185	16,592		
1969.....	9,165	9,463	9,512	9,782	9,782	9,782	9,782	1969.....	4,114	4,140	4,073	4,212	16,539		
1970.....	9,821	9,841	9,771	9,384	9,384	9,384	9,384	1970.....	4,095	4,175	4,205	3,940	16,415		
1971.....	9,313	7,723	7,669	7,181	7,181	7,181	7,181	1971.....	3,665	4,027	3,404	3,128	14,224		
1972.....	7,297	7,043	6,866	6,668	6,668	6,668	6,668	1972.....	3,298	3,225	3,767	3,275	13,565		
1973.....	6,942	7,026	7,139	7,385	7,385	7,385	7,385	1973.....	3,599	3,607	3,612	3,611	14,429		
1974.....								1974.....							
1975.....								1975.....							

NOTE: Unless otherwise noted, these series contain no revisions but are reprinted for the convenience of the user.

(MAY 1975)

<sup>1</sup>This series contains revisions beginning with 1972.

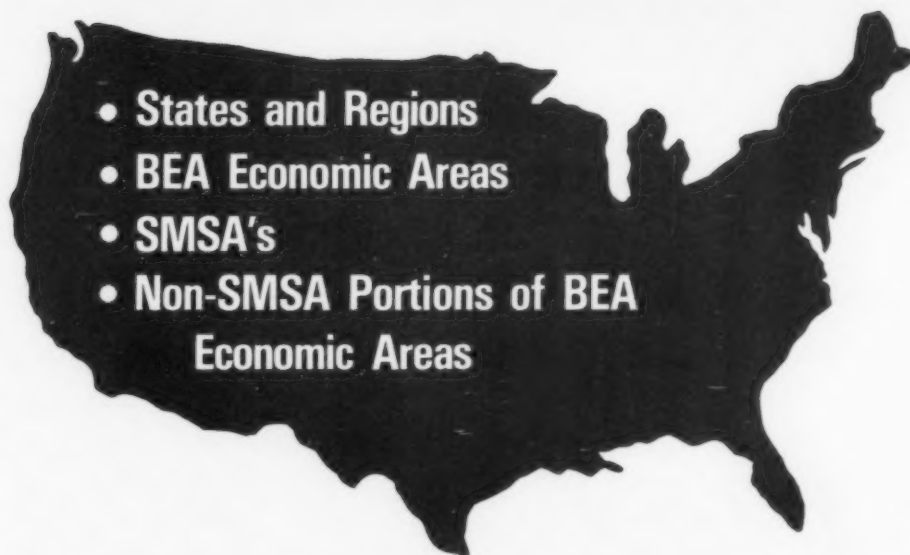
<sup>2</sup>Data prior to 1961 include orders from non-Government customers.

<sup>3</sup>Data prior to 1961 include shipments to non-Government customers.



*Look Ahead  
With*

## **AREA ECONOMIC PROJECTIONS 1990**



**Prepared by the  
U.S. DEPARTMENT OF COMMERCE  
Social and Economic Statistics Administration  
Bureau of Economic Analysis**

Available from the Superintendent of Documents,  
U.S. Government Printing Office, Washington, D.C. 20402  
Price \$3.05. Make check payable to the Superintendent of Documents.  
Order by Stock Number 0324-00490.



U.S. GOVERNMENT PRINTING OFFICE  
SUPERINTENDENT OF DOCUMENTS  
Washington, D.C. 20402  
OFFICIAL BUSINESS  
FIRST CLASS MAIL

DEIN XEROX300XB  
XEROX UNIV MICROFILMS  
SERIALS DEPT  
300 N ZEEB RD  
ARBOR MI 48106

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE  
COM-202



ALPHABETICAL INDEX—SERIES FINDING GUIDE

Series title	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (issue date)	Series title	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (issue date)
		Charts	Tables					Charts	Tables		
Accession rate, defense products industries	654	8	21	4/75	4/73	Inventories, manufacturers'					
Aerospace industries						Defense products	659	9	22	8/74	2/73
Manufacturers' new orders from U.S. Government	650	See New orders.				Defense products industries	658	9	...	1/72	2/73
Manufacturers' shipments to U.S. Government	689	See Shipments.				Ratio to shipments, defense products	693	12	26	8/74	2/73
Manufacturers' unfilled orders from U.S. Government	684	See Unfilled orders.				Ratio to shipments, defense products industries	692	12	...	11/72	2/73
Balance of payments (defense-related)						Layoff rate, defense products industries	655	8	21	4/75	4/73
Cash receipts associated with military sales contracts	696	13	27	9/74	10/73	Man-hours, defense products industries	673	10	23	5/75	4/73
Direct defense expenditures	547	13	27	9/74	10/73	Manpower—See Civilian manpower and Military manpower.					
Transfers under military agency sales contracts	546	13	27	9/74	10/73	Military manpower, Defense Department	677	10	24	8/74	8/68
Budget outlays for national defense function	683	See Outlays.				Military prime contract awards—See Contract awards.					
Cash receipts associated with military sales contracts	696	See Balance of payments.				Net outlays, Defense Department—See Outlays.					
Civilian manpower, Defense Department	678	10	24	8/74	8/68	New orders, manufacturers'					
Compensation						Defense products	648	7	20	8/74	2/73
Payrolls, aggregate weekly, defense products industries	675	10	23	5/75	4/73	Defense products industries	647	7	...	11/72	2/73
Personnel compensation, Defense Department	685	11	25	5/75	8/68	From Government, aerospace industries	650	8	20	5/75	2/73
Contract awards, military prime						Obligations incurred, gross					
Aircraft	626	...	16	5/74	8/68	Defense Department, operations	619	...	15	4/75	8/68
Civilian Health and Medical Program	638	...	19	...	...	Defense Department, procurement	621	6	15	4/75	8/68
Combat vehicles	631	...	17	5/74	8/68	Defense Department, total	617	6	15	4/75	8/68
Construction	634	...	18	5/74	8/68	Outside Government for national defense	623	6	16	4/75	10/73
Contracts under \$10,000	636	...	19	5/74	8/68	Obligations outstanding, gross unpaid					
Educational and nonprofit institutions	637	...	19	5/74	8/68	Defense Department, operations	644	...	20	4/75	8/68
Electronic and communications equipment	630	...	17	5/74	8/68	Defense Department, procurement	645	...	20	4/75	8/68
Missile and space systems	627	...	16	5/74	8/68	Defense Department, total	643	7	20	4/75	8/68
Other hard goods	632	...	18	5/74	8/68	Operations, Defense Department					
Services	635	...	18	5/74	8/68	Net outlays	681	See Outlays.			
Ships	628	...	17	5/74	8/68	Obligations incurred	619	See Obligations incurred.			
Soft goods	633	...	18	5/74	8/68	Unpaid obligations outstanding	644	See Obligations outstanding.			
Total	625	7	16	5/74	8/68	Orders—See New orders and Unfilled orders.					
Weapons and ammunition	629	...	17	5/74	8/68	Outlays					
Work outside the U.S.	640	...	19	5/74	8/68	Budget outlays for national defense function	683	11	25	5/75	10/73
Defense and space equipment, output	657	See Output of defense and space equipment.				Defense Department, operations	681	...	24	5/75	8/68
Defense Department						Defense Department, procurement	682	...	24	5/75	8/68
Gross obligations incurred—See Obligations incurred.						Defense Department, total	680	11	25	5/75	8/68
Gross unpaid obligations outstanding—See Obligations outstanding.						Output of defense and space equipment	657	9	22	8/74	10/73
Manpower—See Civilian manpower and Military manpower.						Overtime hours, defense products industries	653	8	21	4/75	4/73
Military prime contract awards—See Contract awards.						Payrolls, aggregate weekly, defense products industries	675	See Compensation.			
Net outlays—See Outlays.						Personnel compensation, Defense Department	685	See Compensation.			
Personnel compensation	685	See Compensation.				Procurement, Defense Department					
Progress payments outstanding	686	See Progress payments.				Net outlays	682	See Outlays.			
Direct defense expenditures	547	See Balance of payments.				Obligations incurred	621	See Obligations incurred.			
Employment						Unpaid obligations outstanding	645	See Obligations outstanding.			
Accession rate, defense products industries	654	See Accession rate.				Progress payments outstanding, Defense Department	686	9	22	5/75	8/68
Employment, production workers, defense products industries	671	10	23	5/75	4/73	Purchases of goods and services for national defense	264	See Gross national product.			
Employment, total, defense products industries	670	10	22	5/75	4/73	Shipments, manufacturers'					
Layoff rate, defense products industries	655	See Layoff rate.				Defense products	688	12	26	8/74	2/73
Man-hours, defense products industries	673	See Man-hours.				Defense products industries	687	12	...	11/72	2/73
Manpower—See Civilian manpower and Military manpower.						Ratio, inventories to shipments, defense products	693	See Inventories.			
Overtime hours, defense products industries	653	See Overtime hours.				Ratio, inventories to shipments, defense products industries	692	See Inventories.			
Expenditures—See Outlays.						Ratio, unfilled orders to shipments, defense products	691	See Unfilled orders.			
Federal purchases of goods and services for national defense	264	See Gross national product.				Ratio, unfilled orders to shipments, defense products industries	690	See Unfilled orders.			
Gross national product						To Government, aerospace industries	689	12	26	5/75	2/73
Federal purchases of goods and services for national defense	264	5	14	9/74	10/73	Transfers under military agency sales contracts	546	See Balance of payments.			
Gross national product	200	5	14	9/74	10/73	Unfilled orders, manufacturers'					
National defense purchases as percent of GNP	613	5	14	9/74	10/73	Defense products	661	9	22	8/74	2/73
Gross obligations incurred—See Obligations incurred.						Defense products industries	660	9	...	7/71	2/73
Gross unpaid obligations outstanding—See Obligations outstanding.						From Government, aerospace industries	664	9	22	5/75	2/73
						Ratio to shipments, defense products	691	12	26	8/74	2/73
						Ratio to shipments, defense products industries	690	12	...	11/72	2/73
						Unpaid obligations outstanding—See Obligations outstanding.					

